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Annual Reports of the City of Traverse City

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Annual Reports of the City of Traverse City

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Officials of the City of Traverse City

A. V. FRIEDRICHMayor
Residence, 122 E. Eighth St.
T. H. GILLISCity Clerk
Residence, 508 State St.
R. S. HASTINGSCity Treasurer
Residence, 512 Webster St.
H. C. DAVISCity Attorney
Residence, 448 Washington St.
W. R. CALDWELL
City Engineer
Supt. Water Works
Residence, 521 Sixth St.
C. W. ASHTONChief of Police
Residence 626 Washington St.
THOS. MURRAY, Chief of Fire Dept.
Residence, 209 E. Eighth St.
C. R. DOCKERAY, Meat and Milk Ins.
Residence, 433 Sixth St.
W. G. STRUBLECity Scavenger
Residence, 544 E. Eighth St.
F. A. WINNIE Weighmaster
Residence, 823 W. Front St.

ALDERMEN.

First Ward Residence

M. Winnie232 State St.
V. C. Palmer.....436 State St.

Second Ward.

F. R. Goodrich ..131 N. Elmwood Ave.
A. W. Rickerd116 N. Oak St.

Third Ward.

W. H. Abbott.....521 W. Seventh St.
F. L. Shuter501 W. Tenth St.

Fourth Ward.

Jas. Murchie244 E. Eighth St.
G. W. Lardie.....218 E. Ninth St.

Fifth Ward.

W. E. Moon.....710 Washington St.
J. M. McCormick....873 E. Eighth St.

STANDING COMMITTEES

Council

M. Winnie, Pres. Pro Tem
Ways and Means—Winnie, Lardie,
Palmer.
Streets and Walks—Winnie, Lardie,
Goodrich.
Claims and Accounts—Palmer, Moon,
Rickerd.
Water—Moon, Abbott, Winnie.

Fire and Police—Lardie, .Abbott,
Palmer.

Pounds—McCormick, Shuter, Murchie.

Sewers—Murchie, Shuter, Goodrich.

Ordinances—Lardie, Palmer, Rickerd.

Public Lighting—Murchie, Winnie,
Goodrich.

Bridges—Goodrich, Shuter, McCor-
mick.

Licenses—Abbott, Palmer, Moon.

Printing—Shuter, Abbott, McCormick.

Parks—Winnie, Moon, Rickerd.

Wharf—Rickerd, Shuter, McCormick.

BOARD OF PUBLIC WORKS.

Residence

A. V. Friedrich, Mayor, President
122 E. 8th St.
A. W. Wait221 Boardman Ave.
Thos. Shane147 E. Eighth St.
J. H. McGough.....516 Sixth St.

STANDING COMMITTEES.

Board of Public Works.

Streets and Walks—Shane, McGough,
Wait.

Cemetery—McGough, Shane, Wait.

Sewers—Wait, Shane, McGough.

Parks—Wait, Shane, McGough.

BOARD OF EDUCATION.

A. V. Friedrich, Mayor, President,
122 E. 8th St.
H. Montague444 State St.
W. O. Foote618 W. Front St.
G. E. Hoyt806 So. Union St.
E. L. Thirlby126 Lake Ave.
D. G. Chandler....743 Washington St.

STANDING COMMITTEES

Board of Education.

Ways and Means—Montague, Foote,
Hoyt.

Teachers—Foote, Thirlby, Chandler.

Buildings and Grounds—Hoyt, Foote,
Chandler.

Text Books and Apparatus—Thirlby,
Montague, Hoyt.

ANNUAL REPORT

SUPERVISORS.

Residence

First Ward—F. W. Carver, 628 Washington St.

Second Ward—S. C. Darrow, 893 W. Bay St.

Third Ward—W. W. Dean, 441 W. Eighth St.

Fourth Ward—W. F. Harsha, 905 So. Union St.

Fifth Ward—L. K. Cleveland, 1059 Washington St.

LIBRARY TRUSTEES.

E. L. Sprague, Mrs. E. B. Minor,
 L. F. Titus.

INSPECTORS OF ELECTION.

First Ward—E. L. Sprague, W. J. Hobbs.

Second Ward—A. H. Bennett, Thos. Fitch.

Third Ward—C. R. Dockeray, E. P. Wilhelm.

Fourth Ward—H. B. Montague, T. G. Shilson.

Fifth Ward—A. A. McCoy, A. B. Vogl.

ELECTION COMMISSIONERS

T. T. Bates, E. L. Sprague, H. C. Davis

BUILDING INSPECTORS

Edward Rosser, A. E. Wilson,
 Frank Helm.

Annual Report of the City Clerk.

TAXES ASSESSED AND COLLECTED IN 1906.

	Assessed on Summer Tax Roll.	Uncollected Reassessed on Winter Tax Roll.	State, County and Improvement Assessments on Winter Tax roll.	Collected July 23 to Oct. 31.	Collected Dec. 1 to Feb 28, '07.	Delinquent Returned to County.	Uncollected Personal.
General city	\$44,443.49	\$4,456.26		\$39,987.23	\$2,691.24	\$1,765.02	\$ 1.16
Street district No. 2.....	1,334.58	161.45		1,173.13	118.05	43.40	
Street district No. 3.....	827.01	102.00		725.01	61.49	40.51	
Street district No. 5.....	766.00	201.17		564.83	107.81	93.36	
Interest and sinking	4,567.24	458.18		4,109.06	276.59	181.59	
School	29,595.12	2,966.75		26,628.37	1,791.58	1,175.17	
Trunk sewer, district No. 8.....	220.09	110.68		109.41	48.54	62.14	
State			\$10,552.24		10,013.84	538.00	
County			15,941.26		15,128.47	812.03	
Cement sidewalk			1,408.06		733.86	674.20	
Tax fees			338.51		204.44	134.07	
Front and Union street			170.25		138.96	31.29	
Sixth street			116.06		116.06		
State street			56.42			56.42	
East State street			825.12		246.64	578.48	
East Front street			139.11		46.37	92.74	
West Front street			127.65		92.58	35.07	
Special sewer, district No. 1.....			224.01		190.67	33.34	
South Union street extension			631.29		443.14	188.15	
Cass street extension			43.37			43.37	
Totals	\$81,753.53	\$8,456.49	\$30,573.35	\$73,297.04	\$32,450.33	\$6,758.35	\$ 1.16

ANNUAL REPORT

RECEIPTS.

Contingent Fund.

Licenses—Fish, dray, auctioneers, etc	\$ 445.00
Licenses—Liquor	5,526.68
Licenses—Hawkers	48.00
Licenses—Circus	80.00
Licenses—Opera house	25.00
Licenses—Moving picture ..	34.00
Interest on deposits	813.61
Loans	12,000.00
Delinquent tax	1,129.00
Tax fees, 1906	458.43
Refunds, Grand Traverse Co.	176.50
Balance on hand May 7, 1906	10,552.51
Transfers	19,524.99
County share, salary Judge of Recorder's court to Jan. 1, 1907	400.00
Refund county overplus 1906 assessment	34.09
	<hr/>
	\$51,247.81

DISBURSEMENTS.

Contingent Fund.

Transfers	\$30,762.53
Printing	181.65
Postage	224.97
Grading lot Tenth and Union streets	34.88
Office expenses — supplies, rent, etc	1,681.06
Miscellaneous, audit, etc....	1,007.91
Telephone	31.35
Registrations and elections.	987.22
Board of review making tax rolls, etc	976.00
G. A. R., Decoration day....	71.02
City scavenger (see also general street)	16.50
Firemen's convention	258.47
Taxes rebated and paid	168.51
Justices courts	24.50
Riparian rights, Potato Implementation Co.....	300.00
Pest house, board of health, etc	614.89
Loans and interest	12,103.42
City dock	12.25
Milk inspector, supplies, etc	283.89
Clerk hire	50.00
Insurance	35.30
Padlocks	1.15
License plates	8.00
Dues League Mich. Municipalities	10.00
Building inspectors	30.00
Claims allowed	2,021.66
	<hr/>
	\$51,897.13

RECEIPTS.

General Tax.

For tax, 1906	\$39,987.23
Reassessed winter tax roll, 1906	2,691.24
	<hr/>
	\$42,678.47

DISBURSEMENTS.

General Tax.

For transfers	\$42,678.47
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RECEIPTS.

Printing.

For transfers	\$ 830.34
General tax	960.27
	<hr/>
	\$ 1,790.61

DISBURSEMENTS.

Printing.

Balance May 7, 1906	\$ 208.29
Miscellaneous notices	137.70
Bids	8.25
Ordinances	57.00
Board of education	84.75
Council proceedings, pamphlet form	99.40
Council proceedings, regular	615.10
Election ballots	2.50
Election notices	78.90
Registration notices	31.95
Sewer notice	23.40
Tax notice	81.60
Transfers	210.40
Board of review	6.30
	<hr/>
	\$ 1,645.54

RECEIPTS.

Fire.

Transfers	\$ 3,988.46
General tax	7,225.46
Loan of hose	25.00
	<hr/>
	\$11,238.92

DISBURSEMENTS.

Fire.

Salaries	\$ 4,326.55
Hay, etc	432.77
Horse shoeing	66.05
Repairs to equipment and building	104.11
New equipment	684.01
Department expense	181.20
Extra teams and dray	46.99

FINANCIAL AFFAIRS

Barn rent	35.00
Volunteer services, extra...	23.00
Hose Co. No. 1.....	33.00
Hose Co. No. 2.....	189.50
Hose Co. No. 3	159.00
Hose Co. No. 4.....	112.50
Hose Co. No. 5.....	87.00
Hook and Ladder Co.....	65.50
Heat	125.00
Light	34.69
Telephone	45.00
Water	14.70
Balance May 7, 1906	1,384.50
Transfers	3,471.72

\$11,621.79

RECEIPTS.

Salaries.

Transfers	\$ 4,766.05
General tax	4,331.87

\$ 9,097.92

DISBURSEMENTS.

Salaries.

E. R. McCoy, clerk	\$ 34.60
T. H. Gillis, clerk	1,800.00
M. E. Haskell, treasurer	300.00
J. M. Huellmantel, treasurer	900.00
W. R. Caldwell, city engineer	1,200.00
H. C. Davis, attorney	300.00
F. A. Winnie, weighmaster	660.00
W. H. Umlor, judge Record- er's court	433.33
J. B. Martin, health officer..	300.00
A. V. Friedrich, mayor	300.00
W. H. Abbott, alderman....	200.00
C. A. Everett, alderman....	195.00
J. M. Gillett, alderman.....	195.00
F. R. Goodrich, alderman..	170.00
G. W. Lardie, alderman	200.00
W. E. Moon, alderman	200.00
J. M. Murchie, alderman....	200.00
V. C. Palmer, alderman	200.00
F. L. Shuter, alderman	190.00
M. Winnie, alderman	200.00
J. H. McGough, member board of public works ...	200.00
T. Shane, member board of public works	200.00
A. W. Wait, member board of public works	200.00
Transfers	592.77
Balance on hand May 7, 1906	558.17

\$ 9,928.57

RECEIPTS

Interest and Sinking.

Delinquent tax	\$ 88.39
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Tax, 1906	4,109.06
Re-assessed winter tax roll, 1906	276.59
Balance, May 7, 1906	2,408.66

\$ 6,882.70

DISBURSEMENTS.

Interest and Sinking.

Bridge bonds	\$ 360.00
Refunding bonds	1,100.00

\$ 1,460.00

RECEIPTS.

Police.

Balance, May 7, 1906.....	\$ 360.19
Transfers	769.85
General tax	3,649.01

\$ 4,779.05

DISBURSEMENTS.

Police.

Salaries, reg. police	\$ 3,460.00
Salaries, special police	174.37
Lunches, prisoners	7.30
Feed for chief's horse	75.70
Livery, bus and dray.....	27.50
Horseshoeing	9.20
Repairs, labor, etc	183.11
Telephone	20.85
Equipment	2.34
Expense, chief convention ..	8.00
Badges	5.00
Gasoline	1.50
Transfers	769.85
Printing	3.00

\$ 4,747.72

RECEIPTS.

Library.

Furniture sold	\$ 20.00
Transfers	554.13
Balance, May 1, 1906	186.80
General tax	2,402.79
Recorder's court fines	25.00
Library fines	34.00

\$ 3,222.72

DISBURSEMENTS.

Library.

Salaries, librarians \$471.00 assistant librarian, \$415.- 00; janitor, \$390.00	\$ 1,276.00
Magazines and subscriptions	104.39
Books	392.65
Incidentals, ink, paste, etc..	42.44
Light	187.36
Rebinding magazines and books	258.13
Lawn and plants	26.13
Laundry	5.08

ANNUAL REPORT

Cards and printing	45.99
Telephone	6.00
Typewriter	30.00
Water	19.00
Repairs and supplies	125.50
Dray	1.50
Transfers	554.13
Fuel	243.67
E. L. Sprague, supt.....	150.00

\$ 3,467.97

RECEIPTS.

Lighting.

Lights out	\$ 74.56
Transfers	816.04
Balance, May 7, 1906.....	607.54
General tax	6,342.02

\$ 7,840.16

DISBURSEMENTS.

Lighting.

City offices	\$ 61.10
Street lights	5,699.77
Alleys	114.80
Third Ward building	6.00
Transfers	816.04

\$ 6,697.71

RECEIPTS.

Poor.

Balance, May 7, 1906.....	\$ 528.12
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DISBURSEMENTS.

Poor.

Fumigating	\$ 17.00
Formaldehyde	3.39
Duncan case	3.00
Tel. pest house	7.75
Salary	54.00
Grand Traverse Hospital...	10.00

\$ 95.05

RECEIPTS.

Water.

Schedule, \$9,908.42; dropped from water books \$6.00..	\$ 9,914.42
Meter	4,427.42
Taps, new, \$612.13; taps de- linquent, \$24.85.....	636.98
Pipe	178.43
Installing meters.....	57.00
Water furnished circuses...	12.00
Tax, 1906	6,726.14
Refund, overpay	1.88
Extra labor performed.....	19.10
Packing	44.84
Builders' rates	46.50
Catholic cemetery	18.00
Barrels	11.80
Old iron	21.99
Barn rent	8.00
Transfers	1,694.84
Bal. on hand May 7, 1906...	809.66

\$24,629.00

DISBURSEMENTS.

Water.

Construction.

Mains	\$ 1,598.81
Intake	1,163.65
Meters (new)	456.16
New supplies	28.06
Miscellaneous .....	.55

\$ 3,247.23

DISBURSEMENTS.

Water.

Distribution and Office.

Mains	\$ 4.35
Meters	
Reading .....	.60
Repairs	5.19
Supplies and Tools	4.15
Hydrants	310.87
Taps	1,380.12
Miscellaneous	35.84
Labor on Taps	215.75
Plumbing	27.00
Printing	56.05
Rebates	75.46
Interest	3,946.68
Miscellaneous	16.75
Labor, general maintenance	633.27

\$6,712.08

DISBURSEMENTS.

Water.

Station.

Wages,	
Sup't	\$ 600.00
Engineer	1,540.00
Extra Help	1,076.00
Buildings and grounds	150.98
Pumps	16.21
Boiler No. 1	4.06
Boiler No. 2	3.50
Auxiliary Machinery	8.96
Coal	216.98
Wood	1,273.50
Oil and Waste	265.89
Supplies and Tools	137.50
Lights and lighting	89.40
Insurance	171.00
Telephone rent, misse'l....	58.81
Repairs	24.95
Transfers	1,694.84

\$7,333.36

RECEIPTS.

General Sewer.

Delinquent Tax, County Treas.	\$ 92.02
Refund Board of Education	23.39
Balance May 7, 1906	1,778.58

\$1,893.99

DISBURSEMENTS.

General Sewer

General Repairing	\$ 33.84
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FINANCIAL AFFAIRS

Opening	1.05
Cass street extension	274.75
Tools, etc.	16.75
Repairs Sewer Dist. No. 1..	2.28
Smith & Price, private sewer	2.64
Repairs Dist. No. 6	4.38
Boardman Ave. school.....	23.39
Surveying	6.50

\$365.58

RECEIPTS.

Bridge.

Transfers	\$ 616.04
General tax	1,438.26

\$2,054.30

DISBURSEMENTS.

Bridge.

Bal. May 7, 1906	\$ 17.13
Repairs, So. Union.....	9.59
Hauling Plank	8.41
Park Street Repairs	35.17
Cass Street Repairs	53.75
North Union St. repairs....	80.00
Cedar Street Repairs	19.89
8th Street Repairs, etc. ...	5.85
Transfers	52.47
West Front Street Culvert	
Labor	644.87
Gravel and sand	233.70
Drying	4.10
Cement	436.05
Nails, etc.	15.27
Lumber and Posts	173.75
Rent of Pump	10.00
Pipe	64.82
Repairs Oak Street .....	.88
Iron, freight and cartage ...	105.47
Pratt's bridge repairs.....	.70
New Plank	848.68

\$ 2,820.55

RECEIPTS.

Cemetery.

Lots sold since May 7, 1906..	\$ 799.00
Lots that were owing May 7, 1906,	112.00

\$ 911.00

Burials since May 7, 1906..	\$ 582.00
Burials that were owing May 7, 1906	133.00

\$ 715.00

Care of lots since May 7, 1906,	\$ 560.00
Care of lots that were owing May 7, 1906,	97.50

\$ 657.50

Removals since May 7, 1906..	\$ 65.00
Removals that were owing	

May 7, 1906,	30.00
	\$ 95.00
Old iron	\$ 14.77
Extra labor on lots	76.46
Services of sexton at vaults.	2.00
Balance on hand May 7, 1906	1,316.79
Transfers	86.56
	\$ 3,875.08

DISBURSEMENTS.

Cemetery.

General labor	\$ 417.45
Cutting grass	322.65
Care water	168.60
Trimming trees	20.00
Caring for flower beds	68.75
Sexton	600.00
Trees and shrubs	28.25
Horse hire	120.00
Equipment	125.51
Lumber for sexton's house	25.36
Lumber for fences	8.30
Lawn and soil	17.59
Hauling gravel	80.30
Printing	11.50
Drying	2.00
Water	9.75
Telephone	12.00
Rebates	3.00
Expense sexton convention.	13.86
Surveying	11.50
New addition	1,521.40

\$ 3,587.68

RECEIPTS.

Park.

Transfers	\$ 796.46
General tax	960.27

\$ 1,756.73

DISBURSEMENTS.

Park.

Hannah:	
Sand and rubbish	\$ 395.29
Dumping	58.03
Care taker	108.45
Water connections	28.13

\$ 589.90

Lake Avenue:

Plants	\$ 11.50
Tools .....	.95
Care taker	50.33

\$ 62.78

East Bay:

Signs	\$ 1.17
Care and labor	57.50
Ashes	2.50
Gravel .....	.60

\$ 61.77

ANNUAL REPORT

Balance May 7, 1906	\$ 319.40
West Side:	
Care	\$ 1.75
Transfers	437.56
Expenses of aldermen to Grand Rapids	26.25
	\$ 1,499.41

RECEIPTS.

General Street Fund.

Cement walks, regular	\$ 3,353.49
Cement walks, assessed on tax roll	733.86
City market	672.85
Dog licenses	384.00
Fertilizer and hauling	19.00
Repairs to walks	80.00
Old order to bal. acct.....	5.45
Delinquent tax	1,030.24
Hauling refuse	3.00
Tax, 1906	8,642.31
Transfers	7,116.65
Refund board of education..	21.72
Old iron	2.39
Rebate So. Union Ex. pav- ing	5.90
Refund So. Union Ex. pav- ing, mixer	150.00
Refund Cass St. Ex. paving, mixer	25.00
	\$22,245.84

DISBURSEMENTS.

General Street.

Supplies and tools	\$ 112.73
Repairing tools	131.41
Repairing walks, labor, etc.	565.80
Lumber for cross walks	187.06
Repairing and making cross- walks	118.52
Sand	50.00
Salary street commissioner	971.00
Surveying, etc	28.06
Cleaning catch basins, etc	63.01
General cleaning and cutting weeds	181.21
City market and site	92.77
Gravel pit	31.87
Advertising, printing, etc...	7.95
Mixer	550.00
Cement walks—Repairs to outfit, \$9.97; tearing up old walks and filling, \$686.59; labor and draying, \$2,489.12; cement, \$3,- 220.07; sand, \$232.20; gravel, \$702.55	7,340.50
Transfers	4,128.79
Drawing brush	5.25
Dog tags	16.75
Killing and burying dogs...	49.50
Paving outfit	400.00
Paving tax	423.06
Draying	5.85

Moving scow	5.77
Use of road roller.....	31.00
Form for cement curb	6.00
Labor Central school grounds	21.72
Opening street at East Bay	35.46
Opening Lincoln street....	18.51
Graveling East Front street	153.50
Rebate, overcharge cement walk	5.19
Repairs to State St. pave- ment	11.38
Last fill West Front St. cul- vert	340.07
Pine St. watering trough..	54.13
Balance May 7, 1906	4,412.82
K. of P. arch	8.00
Labor Ott's boom	3.75
Labor at tool house.....	4.96
Snow shoveling	51.51
Snow plowing	453.74
Hauling snow	9.81
Insurance	41.70
Sanding walks	25.80
Labor west side watering trough	1.90
Interest, intersection notes.	66.93
Repairing drinking fountains	57.23
Oil .....	.52
	\$21,282.61

RECEIPTS.

Street District No. 1.

Delinquent tax	\$ 27.49
Balance May 7, 1906.....	4,436.80
	\$ 4,464.29

DISBURSEMENTS.

Street District No. 1.

General cleaning	\$ 21.23
Cutting weeds	28.21
General repair	406.94
Graveling	28.13
Sprinkling	960.32
Cleaning pavement	1,694.47
Cleaning cross walks	5.94
Gravel	15.50
Alley west of City Drug Store:	
Gravel	23.25
Labor	113.89
Draying	13.47
Cement	46.28
Ashes	1.70
Snow plowing	1.25
Grubbing trees	13.29
Shoveling snow	82.85
	\$ 3,456.66

RECEIPTS.

Street District No. 2.

Delinquent tax	\$ 14.94
Tax, 1906	1,174.73
Transfers	1,773.51

FINANCIAL AFFAIRS

Re-assessed winter tax roll.	118.05
	\$ 3,081.23

DISBURSEMENTS.

Street District No. 2.

General cleaning	\$ 9.09
Cutting weeds	35.83
General repair	455.29
Sprinkling	533.23
Cleaning pavement	210.21
Filling Oak street	151.51
Sign	1.50
Gravel	29.00
Balance, May 7, 1906	1,074.20
Transfers	425.53
Snow plowing	4.09
Cleaning creek	4.03
Shoveling snow	32.49
Cleaning cross walks	5.58

\$ 2,974.57

RECEIPTS.

Street District No. 3.

Delinq. tax county treas....	\$ 28.81
Tax, 1906.....	723.41
Bal. May 7, 1906	746.41
Re-assessed winter tax roll.	61.49

\$ 1,560.12

DISBURSEMENTS.

Street District No. 3.

General cleaning	\$ 13.45
General repair	700.00
Sprinkling	296.45
Cleaning pavement	364.05
Cutting weeds	16.35
Miscellaneous	2.00
Gravel .....	.39
Cleaning cross walks	4.00
Shoveling snow	27.26

\$ 1,424.49

RECEIPTS.

Street District No. 4.

Delinquent tax	\$ 6.46
Bal. May 7, 1906	1,021.04

\$ 1,027.50

DISBURSEMENTS.

Street District No. 4.

General cleaning	\$ 9.21
General repair	508.81
Sprinkling	294.80
Cleaning cross walks.....	3.49
Cutting weeds.....	12.25
Cleaning pavement	110.66
Gravel .....	.40
Shoveling snow	15.55

\$ 955.17

RECEIPTS.

Street District No. 5.

Delinquent tax.....	\$ 22.07
Tax, 1906.....	564.83

Transfers	669.37
Re-assessed winter tax roll	107.46

\$ 1,361.23

DISBURSEMENTS.

Street District No. 5.

General cleaning	\$ 3.84
General repair	520.08
Sprinkling	279.40
Gravel	25.60
Cutting weeds	17.50
Bal. May 7, 1906	362.15
Transfers	18.51
Ashes	19.90
Shoveling snow	31.26
Cleaning cross walks	6.63

\$ 1,287.87

RECEIPTS.

Cass Street Ex. Imp. Paving.

Payments principal.....	\$ 311.83
Payments interest .....	.18
Loan	3,025.00
Transfers	2,314.31

\$ 5,651.32

DISBURSEMENTS.

Cass Street Ex. Imp. Paving.

Brick, net	\$ 844.41
Curb, net	164.11
Freight on brick	666.44
Freight on curb	118.13
Hauling brick and curb ...	83.10
Engineer's expenses	11.09
Catch basins	60.00
Gravel	153.75
Team work and general la- bor	584.94
Draying	4.75
Repairs and tools	15.99
Cement	340.00
Nails, oil, etc.,	20.73
Sewer pipe	50.78
Water	31.00
Transfer	2,314.31
Interest	25.00
Rebates	10.65
Printing and making assess- ment roll	11.30

\$ 5,510.48

RECEIPTS.

Lateral Sewer No. 1—Dist. No. 1.

Delinquent tax	\$ 45.80
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DISBURSEMENTS.

Lateral Sewer No. 1—Dist. No. 1.

Balance May 7, 1906.....	\$ 9.34
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RECEIPTS.

Trunk Sewer Dist. No. 8.

Delinquent tax	\$ 55.91
2nd installment summer tax 1906	109.41
3rd installment, principal..	368.99

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3rd installment, interest...	18.60
2nd installment re-assessed winter tax roll, 1906.....	48.54
	\$ 601.45

DISBURSEMENTS.

Trunk Sewer Dist. No. 8.

Balance May 7, 1906.....	\$ 1,733.49
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RECEIPTS.

Sixth Street Improvement—Paving.	
Payments principal.....	\$ 2,037.87
Payments interest	196.04
Delinq. tax, county treas...	44.27
Bal. May 7, 1906	385.61
Re-assessed winter tax roll, 1906	116.06
	\$ 2,779.85

DISBURSEMENTS.

Sixth Street Improvement—Paving.	
Interest	\$ 169.12

RECEIPTS.

Front and Union St. Imp.—Paving.	
Payments principal	\$ 1,556.63
Payments interest	79.90
Bal. May 7, 1906	134.95
Re-assessed winter tax roll, 1906	138.96
	\$ 1,910.44

DISBURSEMENTS.

Front and Union St. Imp.—Paving.	
Interest	\$ 85.37

RECEIPTS.

State and Cass St. Imp.—Paving.	
Payments principal	\$ 1,318.98
Payments interest.....	125.76
Bal. May 7, 1906.....	302.20
Del. from Co. Treas.....	59.18
	\$ 1,806.12

DISBURSEMENTS.

State and Cass St. Imp.—Paving.	
For interest	\$ 121.02

RECEIPTS

East Front Street Imp—Paving

Payments principal	\$ 1,318.98
Payments interest.....	177.46
Payments re-assessed winter tax roll	46.37
Balance May 7, 1906	4,055.40
	\$ 5,479.83

DISBURSEMENTS.

East Front Street Imp—Paving

Loan paid	\$ 4,854.32
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RECEIPTS

East State Imp.—Paving.

Payments principal	\$ 3,623.98
Payments interest.....	673.60
Over charge interest	25
Payments re-assessed winter	

tax roll, 1906	246.64
Del. tax from County treas	9.00
Bal. on hand May 7, 1906 ..	1,194.87
	\$ 5,748.31

DISBURSEMENTS,

East State St. Imp.—Paving.

Notes and interest	\$ 5,469.66
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RECEIPTS

West Front Street Imp.—Paving

Payment principal	\$ 5,137.84
Payment interest	844.16
Over charge interest .....	.49
Payments re-assessed winter tax roll 1906	92.58
Bal. on hand May 7, 1906 ..	2,395.89
	\$ 8,470.96

DISBURSEMENTS,

West Front Street Imp.—Paving

Notes and interest	\$ 7,793.29
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RECEIPTS.

So. Union St. Ex. Imp.—Paving.

Payments principal	\$ 6,451.25
Payments interest	34.32
Loan	15,116.20
Transfers	3,985.22
Re-assessed winter tax roll, 1906	443.14
	\$26,030.13

DISBURSEMENTS,

So. Union St. Ex. Imp.—Paving.

Brick—net	\$ 5,264.48
Curb—net	845.84
Freight on brick	4,288.52
Freight on curb.....	486.51
Hauling brick	483.85
Hauling curb	18.52
Engineers expense	14.37
Catch basins	300.60
Sand	138.89
Team work and gen. labor	
draying	3,446.79
Gravel	1,031.90
Repairs etc., tools.....	68.21
Sundries, nails, oil, etc ...	176.86
Cement	2,278.85
Sewer pipe	304.46
Lumber	89.85
Rebates	846.18
Mixer	156.60
Transfer	3,985.22
Special assessors and mak- ing roll.....	59.00
Interest	80.20
	\$24,365.02

RECEIPTS.

Special Sewer district No. 1.

Assessment 1906.....	\$ 233.69
Re-assessed winter tax roll	

FINANCIAL AFFAIRS

1906	190.67	cal year)	200.50
	\$ 421.36	Cemetery ex. labor on lots (old)	56.00
DISBURSEMENTS,		Cemetery ex. labor on lots (fiscal year)	7.30
Special Sewer district No. 1.		Cement walks, surface rough (fiscal year)	75.00
Special assessors and making roll	\$ 24.00	Cash Statement.	
Printing	10.80	City depository, (after disbursement of April 29) ..	\$ 24,393.86
Labor, team work and draying	206.63	Cash on hand	88.67
Sewer pipe, etc	184.78		\$ 24,482.53
	\$ 426.21	Overdrawn Funds at Close of Business, April 29.	
RECEIPTS.		Contingent fund	\$ 649.32
State and County Tax Account		Fire fund	382.87
State	\$10,013.84	Salaries fund	830.95
County	15,128.47	Library fund	245.25
	\$25,142.31	Bridge fund	766.25
DISBURSEMENTS,		Trunk sewer dist. No 8..	1,132.04
State and County Tax Account		Special sewer dist. No. 1..	1.85
State taxes	\$10,013.84		\$ 4,008.53
County taxes	15,128.47	LIABILITIES	
	\$25,142.31	Bonds	
STATEMENT OF		Refunding	\$ 35,000.00
RESOURCES AND LIABILITIES.		Water	88,667.00
RESOURCES		School	20,000.00
Inventory		Bridge	9,000.00
Common council	\$ 78,160.17	Notes	
Water works	125,256.40	Abbott Voting Machine Co. \$	1,750.00
Board of public works....	9,790.55	West Front St. Imp	11,495.16
Board of education	165,000.00	State and Cass Sts. Imp ..	4,841.00
	\$378,207.12	East State St. Imp	13,646.10
Taxes, Assessments and Other Items for Collection Due in the Various Departments:		East Front St. Imp	5,601.12
Improvement tax	\$ 40,440.62	Front and Union Sts. Imp..	3,414.83
Del. tax at Co. treas	10,842.63	Sixth street Imp	6,765.00
Water rates—meter (old)..	11.01	Cass street ex. Imp	3,025.00
Meter (fiscal year)	6.70	So. Union St. ex. Imp	15,116.20
Schedule (old) this includes some new cut off charges	22.00		\$218,321.41
Schedule (old) fiscal year ..	9.50	Balance of Various Funds	
Del. per. tax 1902-3-4-5-6...	1,456.41	Printing	\$ 145.07
Items dropped from water books (old)	188.07	Interest and sinking	5,422.70
Items in question (old) ..	4.00	Police	31.33
Interior and exterior cement walks (old)	147.65	Light	1,142.45
Repairs to walks (fiscal year)	149.10	Poor	433.07
Cemetery lots (old)	207.50	Water	7,336.33
Cemetery lots (fiscal year) ..	25.00	General sewer	1,528.41
Cemetery burials and removals (old)	156.00	Cemetery	287.40
Cemetery burials and removals (fiscal year)	14.00	Park	257.32
Cemetery care of lots (old) ..	324.75	General street	963.20
Cemetery care of lots (fiscal year)		Street dist No. 1	1,007.63
		Street dist ..o. 2	106.66
		Street dist. No. 3	135.63
		Street dist. No. 4	72.33
		Street dist. No. 5	76.36
		Cass street ex. Imp	140.84
		Lateral sewer dist No. 1..	36.46
		Sixth street Imp	2,610.73
		Front and Union st. Imp ..	1,825.07

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Cass and State St. Imp....	1,685.10
East Front St. Imp	625.51
East State street Imp	278.68
West Front street Imp	677.67
So. Union St. Ex. Imp	1,665.11
	<u>\$28,491.06</u>

In relation to some of the funds I have the following to report: At the commencement of the past year, as you are well aware, several of the funds were considerably overdrawn and money was borrowed by transfer from the contingent fund and placed to the credit of these several funds.

Regardless of the balances, either debit of credit, as previously shown in the statement of resources and liabilities, there are the following funds that are overdrawn, i. e., that are now owing the contingent fund:

Printing	\$ 604.61
Fire	516.74
Salaries	4,173.28
Bridge	563.57
Cemetery	86.56
Park	358.90
General street	2,987.86
Street district No. 2.....	1,347.98
Street district No. 5	651.01
	<u>\$11,290.51</u>

In addition the contingent fund is in itself now overdrawn \$649.32.

I would respectfully recommend that the following transfers be made:

	Dr.
Contingent	\$ 2,225.32
	Cr.
Fire	\$ 382.87
Salaries	830.95
Library	245.25
Bridge	766.25
	<u>\$2,225.32</u>
	Dr.
Printing	\$ 145.97
Cemetery	86.56
Park	257.32
General street	9.11
Street district No. 2	106.66
Street district No. 5	76.36
	<u>\$ 681.08</u>
	Cr.
Contingent	\$ 681.08
	Dr.
General street	\$ 954.09
	Cr.
Street district No. 2 (W.	
Front St. fill, 1905)	\$ 747.34

street district No. 5 (open-	
ing Boyd Ave.)	206.75
	<u>\$ 954.09</u>
	Dr.

Street district No. 2.....	\$ 747.34
Street district No. 5.....	206.75
	Cr.
Contingent	954.09
	Dr.
General sewer	\$ 1.85
	Cr.

Special sewer district No. 1.\$ 1.85
(This transfer for the reason that the work has been completed in special sewer district No. 1—there is one payment yet to be made on this sewer that was returned to the county amounting to \$33.34.)

	Dr.
Lateral sewer district No. 1.\$	36.46
	Cr.
General sewer	\$ 36.46
(This for the reason that the work has been completed in this sewer.)	

	Dr.
General street	\$ 154.51
	Cr.
Street district No. 2.....	\$ 154.51
(This for the reason that \$154.51 was erroneously charged to street district No. 2 for the fill on Oak street this past year and should have been charged to general street	

	Dr.
Contingent	\$ 154.51
	Cr.
General street	154.51
(This to balance account temporarily.)	

	Dr.
Street district No. 2.....	\$ 154.51
	Cr.
Contingent	154.51
	Dr.
Poor fund	\$ 433.07
	Cr.

Contingent

(This for the reason that the poor of the entire county are now cared for by the county system, and we have no particular use for a poor fund.)

After making these transfers the contingent fund will be overdrawn \$960.91, for which amount a temporary loan from the bank should be authorized at this meeting.

We would also have the following condition of funds at the present time which we would have to consider during the year to come—so far as the overdrafts would be concerned.

although the funds mentioned below would apparently be balanced; these funds would owe the contingent fund as follows:

Fire	\$ 899.61
Salaries	5,004.23
Library	245.25
Bridge	1,329.82
Printing	459.57
Park	101.58
General street	3,133.26
Street district No. 2.....	339.47
Street district No. 5.....	367.91

These amounts should now be charged to these various funds and credited to the contingent fund to start our books May 1st.

To my mind, if you will permit me to suggest, this overdrawn condition of the funds above mentioned, I believe, might to a certain extent be permanently remedied for the following reason: When delinquent taxes are turned over to the county treasurer for collection they sometimes remain there, as you know, for a period of two or three years. When delinquent taxes are paid to the county treasurer they are by him twice a year paid over to the city. This applies, of course, to all delinquent taxes, but I am referring only in this connection to taxes that are raised by the city and termed "General City Taxes"—this general city tax includes such funds as fire, park, police, library, bridge, printing, salaries, etc.

When a budget is made up the amounts are estimated to be used in these various funds and when the taxes are paid they are transferred from the general city tax to their respective city funds according to the percentage that they bear to the total general city tax that is raised.

Of course every year there is general city tax turned over to the county for collection, and as I have said before, when paid at the county it is twice a year paid over to the city. When so paid to the city this general city tax has always been credited to the contingent fund—perhaps not exactly been done so legally, but done so from the fact that the county treasurer is not required, when turning over delinquent taxes to the city, to give the exact year on which this paid delinquent tax has a bearing, and of course it is not practical to attempt to apportion this paid delinquent tax

to the various funds for that reason, and these funds therefore do not receive the full credit that they would have if all the tax assessed had been collected by the city treasurer and no general city tax turned over to the county treasurer for collection.

Therefore the contingent fund might be crudely termed a dumping ground, at least, so far as paid delinquent general city tax is concerned and will have received credits that should have been properly given to the funds in question.

Figuring that this has been done for the past twelve years, it would seem to me, perhaps not legally, but at any rate just, that your honorable body should charge up to the contingent fund a certain amount and placed to the credit of such funds as are overdrawn now as fire, salaries, library, bridge, printing, park, etc., that are raised in the general city tax and which very seldom, if ever, receive their proper credits. This, if done, would in a measure at least take care of the overdrawn condition of the funds in question and it would naturally not be necessary to raise as much money this year by taxation for these funds, and I would respectfully recommend that this matter be referred to the ways and means committee for their consideration when making up the budget for the coming year.

Inventory of City Property.

Common Council:

City dock	\$ 5,000.00
Election outfits	2,000.00
Furniture and fixtures of council and city offices	1,500.00
Fire department	28,445.17
	\$ 36,945.17
Water works	\$129,200.00
Board of public works	42,912.29
Board of library trustees..	40,000.00
Board of education	175,000.00
	\$424,057.37

I give herewith a statement of the insurance as now carried on the various properties belonging to the city:

Water Works—Building, \$2,200.00; boiler, fixtures, etc, \$7,500.00; furniture, \$300.00; steam boiler, \$1,500.00. This insurance, excepting \$1,500.00, will all expire this year and when re-insured at the new rate will cost \$125.00.

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Library—Building, \$15,000.00; fixtures and books, \$8,000.00.

State Street Building—Building, \$650.00.

This insurance expires this year and will cost to rewrite \$9.75.

City Tool House—Building, \$400.00; tools, machinery, etc., \$4,000.00.

This insurance will expire this year and the premiums will amount to \$69.50.

Second Ward Building on Spruce Street—Building, \$1,000.00.

Sexton's Dwelling—Building \$500.00.

Third Ward Building, Union and Tenth Streets—Building, \$1,000.00.

Voting Machines, Union and Tenth Streets, \$1,000.00.

To me it would seem advisable to reduce the insurance somewhat on the Third Ward building located at Union and Tenth streets and increase the amount now carried on the sexton's dwelling.

I wish to report that we have in this office, during the past fiscal year, recorded 223 birth certificates, complete records of which have been mailed to the department of state and to the county clerk of this county, and under instruction from the state department have furnished the super-

visors of the different wards of the city a detailed statement of the births in their respective wards during the year 1906, a total of 240.

We have recorded 337 death certificates, reports of which have also been mailed to the state department and to the county clerk.

184 deaths have been recorded in our cemetery record and burial permits issued for same.

52 cemetery deeds have also been made and recorded.

We have mailed from this office about 6500 water bills, about 1,000 other miscellaneous bills and statements, about 1,000 letters and about 750 letters and application blanks for the care of lots at the city cemetery.

The various organized bodies of the city have held meetings during the fiscal year as follows:

Council	44
Board of public works	35
Board of health	17
Board of education	18
Board of review.....	4
Board of special assessors	3

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Respectfully submitted,

T. H. Gillis, City Clerk.

FINANCIAL REPORT FOR 1906

Funds	Bal. May 1, 1906 Dr. Overdrawn	Cr.	Tax Assessed 1906	Tax Collected 1906	Receipts from Other Sources, Del. Taxes, etc., but trans- fers, loans, etc., not in- cluded.	Actual Disburse- ments	Bal. May 1st, 1907. Dr. Overdrawn	Cr.	Tax to be Col- lected, 1907.
Contingent		\$10,552 51			\$ 9,170 31	\$ 9,031 18		\$11,074 29	
General City tax..			\$ 44,443 49	\$ 42,678 47		42,678 47			
Printing	\$ 208 29		1,000	960 27		1,226 85	\$ 459 57		
Fire	1,384 50		7,520	7,225 46	25 00	6,765 57	899 61		
Salaries		558 17	4,510	4,331 87		8,777 93	5,004 23		
Int. and Sinking.		2,408 66	4,567 24	4,385 65	88 39	1,460 00		5,422 70	
Police		360 19	3,800	3,649 01		3,977 87		31 33	
Library		186 80	2,500	2,402 79	79 00	2,963 84	245 25		
Light		607 54	6,600	6,342 02	74 56	5,881 67		1,142 45	
Poor		528 12				95 05			
Water		809 66	7,000	6,726 14	15,398 36	15,597 83		7,336 33	
General sewer ..		1,778 58			92 02	365 58		1,563 02	
Bridge	17 13		1,500	1,438 26		2,750 95	1,329 82		
Cemetery		1,316 79			2,471 73	3,587 68		200 84	
Park	319 40		1,000	960 27		742 45	101 58		
Genl Street	4,412 82		8,994 59	8,642 38	6,481 36	12,741 03	3,133 26		
St. Dist. No. 1 ..		4,436 80			27 49	3,456 66		1,007 63	
St. Dist. No. 2 ..			1,334 58	1,174 73	14 94	1,474 84	339 47		
St. Dist. No. 3 ..	1,074 20	746 41	827 01	723 41	28 81	1,424 49		135 63	
St. Dist. No. 4 ..		1,021 04			6 46	955 17		72 33	
St. Dist. No. 5 ..	362 15		766 00	564 83	22 07	907 21	367 90		
School		5,597 20	29,595 12	28,419 95	37,590 15	64,801 60		6,830 62	
State Tax			10,552 24	10,013 84					
County Tax			15,941 26	15,128 47					
Totals	\$ 7,778 49	\$30,908 47	\$152,451 53	\$145,767 82	\$71,570 65	\$191,613 92	\$11,880 69	\$34,817 17	

Assessed Valuation and Tax Rate for 1906

	Real.	Personal.	Total.
First ward	\$ 1,430,410 00	\$781,744 00	\$2,212,154 00
Second ward	514,470 00	152,817 95	667,287 95
Third ward	718,627 00	107,983 00	826,610 00
Fourth ward	368,980 00	105,761 00	474,741 00
Fifth ward	373,660 00	9,340 00	383,000 00
Totals	\$3,406,147 00	\$1,157,645 95	\$4,563,792 95

City tax rate 1906 on \$100 valuation as follows:

	1st ward, \$1.72.	2nd ward, \$1.92	3rd ward, \$1.82	4th ward, \$1.72.	5th ward, \$1.92.
School	\$.006478	\$.006478	\$.006478	\$.006478	\$.006478
Genl. Cy .....	.009736	.009736	.009736	.009736	.009736
Int. and Sink. ....	.001	.001	.001	.001	.001
Street dist. ....		.002	.001		.002
Total	\$.017214	\$.019214	\$.018214	\$.017214	\$.019214

Tax rate 1906, on \$100 valuation for State taxes, \$.23, and for County taxes, \$.35. Total, \$.58.

Total Tax Rate in City for the year 1906, on \$100 valuation:

First ward	\$2.30
Second ward	2.50
Third ward	2.40
Fourth ward	2.30
Fifth ward	2.50

Annual Report of the Chief of Police.

Department of Police, of the City of
Traverse City, Mich.

Traverse City, Mich., April 30, 1907
To the Honorable Board of Police
Commissioners:

Gentlemen: Herewith is presented the annual report of Traverse City Police Department. The following gives in detail the work accomplished by the members of the department during the year ending April 30, 1907.

The record of the past twelve months has not been marked by anything of special nature. Crime has been kept at a minimum. The total number of arrests is 267 for the year ending April 30, 1907.

To the board I tender my thanks for the courtesies and assistance extended me during year.

Drunk and disorderly, 29; violating city ordinances, 23; simple larceny, 13; grand larceny, 3; assault and battery, 8; obtaining money under false pretenses, 2; violation of liquor law, 3; non-support, 5; burglary, 4; vagrants, 8; destroying property, 1; crazy, 2; whipping wife, 1; abusive language, 2; forgery, 2; truancy, 1; attempt murder, 1; search warrant, 2; lodging in coop, 22; drunk in city locked up to sober up, 157—total 289.

Miscellaneous.

Women, 23; men, 249; boys, 14; girls, 3—total, 289.

Lost children, 18; wheels reported lost or stolen, 37; wheels found and restored to owners, 34.

Respectfully submitted,

C. W. Ashton,
Chief of Police.

Annual Water Works Report

To the Honorable Mayor and City Council:

Gentlemen: I submit herewith my report on the operation of the city water works for the fiscal year ending April 30, 1907. While the total receipts and disbursements agree with the totals as shown by the city clerk's report, certain items have been divided and redispursed in an attempt to give a more accurate idea of the expense of the various departments.

Receipts

Water, schedule rates.....	\$ 10,156.25
Water, meter rates	4,433.63
Packing	44.84
Barrels sold	11.80
Taps	732.88
Pipe sold	178.43
Installing meters	57.00
Refund, overpaid	1.88
Old iron	21.99
Barn rent	8.00
Taxes from council appro priation	6,726.14
Balance on hand May 1, '06	561.28
Total receipts	22,934.16

Disbursements. Office.

Superintendent	600.09
City Clerk	50.00
Stationery and printing....	90.80
Insurance	171.09
Interest charges	3,946.68
Rebates	75.46

Total 4,933.94

Pumping.

Engineers	1,540.00
Fireman and extra man for turning water off and on, and caring for grounds	1,176.75
Fuel	1,499.48
Oil, waste, packing, etc....	391.92
Lights	89.40
Phones	18.60
Miscellaneous	14.92

Total 4,722.09

Maintenance.

Intake	109.85
Pumps	14.33
Boilers	7.56
Auxiliary machinery	28.96
Buildings	57.08
Mains	156.27

Hydrants	289.51
Valves	52.55
Repairing and testing me- ters	55.79
Miscellaneous	30.60
Total	802.53

Construction.

Intake	1,053.80
Mains	1,545.33
Valves	126.35
Hydrants	250.80
Taps	1,636.74
Meters	506.16
Tools, etc	20.00

Total 5,139.27

Grand total 15,597.83

Total receipts for water.. 14,589.88

Receipts from material sold
which is charged to pump-
expense

56.64

14,646.52

Office expenses

4,933.94

Pumping expenses

4,722.09

Maintenance expense

802.53

Total 10,458.56

Gain by operating

4,187.96

You will note that in these figures no account has been taken of a proper charge for use of fire hydrants, water supplied to fountains or watering troughs, water for sprinkling parks, cemetery, or water used in building walks or pavements or other public works. On the other hand, the disbursements include every expense of operation and maintenance, but do not include the cost of extension of intake, mains, or new services or setting new meters. The cost of these last items is all included under the head of construction and are included in the inventory of the water works.

Statement of Pumping.

Number of million gallons pumped	622
Gallons per day, average..	1,704,000
Largest day's pumping— July 12, 1906	4,216,000
Smallest day's pumping— May 13, 1906	1,040,000
Largest month's pumping— August, 1906	74,590,400
Smallest month's pumping—	

WATER WORKS

November, 1906	37,835.00	complete	60.00
Cost of fuel per 1,000 gals .....	.0024	50 2 1-2 in service boxes ..	42.00
Total cost of operation per		3200 ft. 3-4 in. galv. pipe ..	95.00
1,000 gals .....	.0163	960 ft. 1 in. galv. pipe	55.00
Receipts per 1,000 gallons .....	.0235	500 ft. 1 1-4 in. galv. pipe ..	40.00

Statement of Construction Work.

Mains laid, 6 inch, feet....	1600	450 ft. 2 in. galv pipe	55.00
Mains laid, 4 inch, feet....	400	31 lengths of main	285.00
Hydrants set	6	115 specials for mains	630.00
Valve man holes built.....	6	3 gate valves complete	48.00
Valves set, 6 inch	4	5 hydrants.....	130.00
Meters set, 5-8 inch	61	30 tons coal	90.00
Taps connected	121		
New intake pipe purchased			
but not laid, feet.....	500		

Total\$ 1,990.00

Physical Condition of System.

4 in. wood main, 24,000 feet; 4 in. iron main, 6600 feet; 6 in. wood main, 1200 feet; 6 in. iron main, 57,000 feet; 8 in. wood main, 1500 feet; 8 in. iron main, 5200 feet; 10 in. iron main, 5400 feet; 12 in. iron main, 3300 feet; 16 in. iron main, 5200 feet; 24 in. steel intake 1700 feet; 16 in. iron intake 500 feet; hydrants 206; services in use, 1405; services metered 260.

Pumping plant consists of One 5,000,000 gallon pump; one 2,000,000 gallon pump; one Heine water tube boiler; one horizontal tubular boiler together with all necessary piping, valves, feed pump, etc.

The valuation placed on the various items in the statement of resources and liabilities is obtained principally from previous inventories.

Statement of Resources and Liabilities.

Pumping plant complete	
with intake, machinery,	
buildings and grounds ..\$	37,000.00
Other real estate	1,200.00
System of mains, including	
hydrants and valves	87,000.00
250 meters owned by city.	2,000.00
Supplies on hand	2,000.00
	\$129,200.00

Liabilities.

Bonds outstanding\$ 88,667.00

Respectfully submitted,

W. R. Caldwell,
Superintendent.

There is also on hand a considerable quantity of pipe and fittings for taps, the cost for which is included in the construction expense statement but which appears in the inventory following.

Inventory of Tools and Supplies on Hand.

1 wheel derrick, 1 small derrick,
1 lead kettle and ladle, 6 calking irons
2 caulking hammers, 2 dozen chisels,
1 tapping machine for domestic connections,
1 tunneling spoon, 27 shovels,
16 picks and handles, 1 wagon,
1 sleigh, 1 block and tackle, 2 cant hooks,
1 crow bar, 1 long bar, 1 sledge,
1 claw hammer, 1 hand saw, 1 square,
1 draw knife, 1 blacksmiths anvil,
1 blacksmiths vice, 1 carpenter bench vice,
2 pipe vices, 2 sets stock and dies,
1 portable steam boiler, 1 foot pump,
1 small scow, 1 lawn mower, 3 pairs chain tongs,
1 pair grass shears, 100 feet lawn hose,,
50 feet fire hose (poor,) 6 lanterns, 1 garden rake,
1 pair pipe cutters 4 inch to 8 inch,
4 long handled shovels, 2 pair pipe cutters
3-4 inch to 1 1-2 inch, 1 pole axe,
1 hand axe- 4 Stillson wrenches 12 to 36 inch,
3 monkey wrenches 10 inch to 20 inch,
3 hydrant wrenches, 1 grip wrench 3-4 to 2 inch,
3 cold chisels, 2 pike poles, 1 hand drilling machine and 4 drills,
1 augur, 2 inch, 1 pair platform scales\$ 350.00
62 5-8 in. corporation cocks

Board of Public Works

To the Honorable, the Mayor and City Council:

Gentlemen—By going over the annual financial statement of this city for the past year you will find in detail the disbursements made by the board of public works out of the funds which are placed at our disposal. The following is a general outline of the work performed:

The general street work consisted of the cleaning of pavements, snow-plowing, etc and of repairs to the dirt and gravel roads which were kept in such repair as the limited funds at the disposal of the board would allow.

The permanent work was limited to building a little over four miles of cement walks and cross walks; paving Cass street with brick from State street south to Cass street bridge; paving Union street south from South Union street bridge to Twelfth street. This work was done entirely by day labor and at a considerable saving over contract prices. A complete statement of this work was submitted to the council Nov. 5, 1906.

The board also made a contract to dock the mouth of Boardman river, but this work has not yet been done.

A great deal of filling has been done on Hannah Park and the filling is now complete for a distance of about six hundred feet below the Union street bridge. Lake avenue park was cared for during the summer and the roads at East bay Park were repaired, but no other work in this line has been done.

A permanent concrete culvert was built over the asylum creek on West Front street; considerable filling has been done at the Cass, Park and North Union street bridges and all have been kept in repair and the Cass street bridge has been entirely re-planked.

The grounds of the Third Ward building, at the corner of Union and Tenth streets, were filled and graded.

The sewer work was confined to the building of a lateral sewer in special sewer district No. 1.

The work of the cemetery has been confined entirely to the routine

work of care of grounds and fences but as yet nothing has been done toward cleaning up the new addition adjoining the present grounds on the south.

We present herewith an inventory of the properties under our control:

Inventory of the Board of Public Works.	
Tool house and lot.....	\$ 1,200.00
Gravel pit	1,000.00
Third Ward building and lot	3,000.00
Market site	15,000.00
Hannah Park	4,000.00
Second Ward building and lot	2,500.00
West Bay Shore Park	1,500.00
East Front street Park ...	500.00
East Bay Park.....	1,000.00
First Addition to Cemetery	400.00
Second addition to cemetery	1,500.00
Dumping grounds	400.00
300 cords cobble stone	1,200.00
7 sprinklers	1,400.00
1 steam roller	3,000.00
1 horse roller	250.00
1 traction engine	1,000.00
1 street sweeper	125.00
1 road grader	125.00
1 com. wagon and tool box.	40.00
1 stone crusher	500.00
1 truck wagon	25.00
Paving brick	750.00
Sewer tile	225.00
11 snow plows	55.00
1 trench pump and hose ..	75.00
60 trench jacks	120.00
18 sidewalk cover frames..	27.00
11,000 B. M. hemlock	66.00
8,000 B. M. maple	48.00
6 crowbars	6.00
54 shovels	16.20
34 shovels	10.20
9 picks	5.40
7 street cleaner carts	56.00
5 scoops	3.75
6 lanterns	2.40
7 hoes	4.20
4 rakes	1.40
1 lawn mower	3.00
400 hose	32.00
7 pavement scrapers	5.25
6 hand saws	3.00
1 8-tine fork	1.00
1 pike pole .....	.75
1 stone boat	3.00
1 snow scraper	4.00

PUBLIC WORKS

1 scraper to remove comb on walk	4.00	1 slush scraper	2.00
3 pair rubber boots	12.00	1 leveling scraper	2.00
5 mattocks	1.50	2 slush boxes	4.50
2 cross-cut saws	2.50	200 ft. 1 1-2 in water pipe..	24.00
4 hammers	2.00	1 leveling block	1.00
14 wheel barrows	21.00	1 heavy hand tamp.....	2.00
1 cart for repairing walks..	2.00	2 cant hooks	1.50
1 sewer rod for opening sewers	1.50	1 set leveling pins	1.00
4 trestles	3.00	1 hand level	1.00
1 trestle.....	3.00	1 pole axe .....	.50
6 trestles for barricades ..	1.80	6 stone chisels.....	1.50
1 lever for lifting sheeting	3.50	2 pair brick tongs	2.50
1 scraper	1.50	2 pinch bars	1.50
1 scraper chain	4.50	1 tarpaulin	5.00
2 catch basin covers	32.00	5 slushing scrapers	2.50
2 sets block and tackle	12.00	1 1-gallon oil can.....	.25
1 block and loading chain..	6.00	1 scow 40x18	150.00
6 concrete tampers	3.00	1 cement mixer	400.00
1 vice	4.00	1 curb snow plow	10.00
5 hand axes	3.00	1 pair tongs for raising walks	5.00
3 neck yokes.....	2.25	1 farmers handy wagon ...	24.00
1 pump and pipe	6.00	1 pair 1-horse sleighs	20.00
7 hoes.....	3.50	3,600 feet garden hose ...	660.00
5 sledges	3.75	5 doz. C. B. G. sprinklers..	8.75
1 adze .....	.75	5 iron garden rakes	3.75
4 hydrant reducers	2.00	3 wooden hay rakes.....	1.00
4 hydrant wrenches	1.00	1 pair grass shears .....	.60
2 levels	1.50	3 sickles	1.05
2 hand screens	3.00	2 snow shovels	1.00
8 pails	3.20	3 dirt shovels	2.25
2 set sidewalk finishing tools	2.00	1 garden spade .....	.85
2 squares .....	.80	1 wrench	1.75
2 mixing platforms	4.00	2 old lawn mowers	9.00
1 mixing box.....	1.00	3 large grave linings	4.50
100 ft. 3-4 in. water pipe ..	44.00	2 small grave linings	1.75
5 pipe wrenches	6.50	4 set curbing for large graves	65.52
5 monkey wrenches	4.00	3 set small curbing	9.00
1 brick trowel .....	.60	2 wheelbarrows	3.50
1 hose repair outfit .....	.50	1 snow plow	5.25
2 plows	15.00	35 lawn seats in good shape	26.25
1 tar kettle	8.00	9 lawn seats, broken	4.50
1 tar dipper .....	.50		
3 tar pails	1.20		
2 tar funnels.....	.80		
1 wheel scraper.....	12.00		

\$42,912.20

Respectfully submitted,
THE BOARD OF PUBLIC WORKS.
By T. H. Gillis, Clerk of the Board.

Report of City Treasurer

Traverse City, Mich., Apr. 29, 1907.
To the Hon. Mayor and Council of
the City of Traverse City, Mich.

—Gentlemen—The following are
the balances of the different funds as
shown by the books of the treasurer
of the City of Traverse City at the
close of business April 24, 1907:

	Cr.
General City.....	Balanced
Printing	145.07
Interest and Sinking	5,422.70
Police	31.33
Light	1,142.45
Poor	433.07
Water	7,336.33
Gen. Sewer	1,528.41
Cemetery	287.40
Park	257.32
Gen. street	963.20
St. Dist. No. 1.....	1,007.63
St. Dist. No. 2	106.66
St. Dist. No. 3	135.63
St. Dist. No. 4	72.33
St. Dist. No. 5	76.36
Cass street Ex. Imp.....	140.84

Lateral sewer No. 1.....	36.46
Sixth street Imp.....	2,610.73
Front and Union Imp.....	1,825.07
East Front street Imp	625.51
East and Front street Imp.	625.51
East State street Imp.....	278.68
West Front street Imp....	677.67
South Union ex. Imp	1,665.11

\$28,491.06

Dr.

State	Balanced
County	Balanced

Overdrawn Funds.

Contingent	649.32
Fire	382.87
Salaries	830.95
Library	245.25
Bridge	766.25
Trunk Sewer No. 8.....	1,132.04
Special Sewer Dist. No. 1..	1.85
Balance Cash on hand.....	24,482.53

\$28,491.06

Respectfully,

J. M. Huellmantel
City Treasurer.

Annual Report of Chief of Fire Dept.

Traverse City, Mich., Apr. 29, 1907
To the Honorable, the Mayor and City
Council of the City of Traverse
City, Michigan:

Gentlemen—In accordance with the law and the usual custom, I have the honor to herewith submit to you the annual report of the Traverse City Fire Department for the year ending April 30, 1907.

This report, in which will be found a record of the operations of the department for the past year, is my second report and the eleventh annual report of the department.

The alarms and losses by fire, with the amount of insurance thereon, together with such general information relative to the department as is of interest to your honorable body and the public:

Disbursements.

Salary of the Chief	\$1,000.00
Salary of Assistant Chief..	100.00
Salaries of full paid men...	3,226.55
Salaries of extra men	23.00
Services of volunteers ...	646.50
Hay, oats, feed and bedding	432.77
Horse Shoeing.....	66.05
New equipment 500 ft. hose	
4 alarm boxes, etc.....	665.16
Repairs to equipment ...	88.70
Dept. expenses	152.35
Veterinary	9.50
Telephones	45.00
Chemical supplies	16.61
Battery supplies	36.20
Heating building	125.00
Lighting building	34.69
Water tax	14.70
Drawing and extra teams	44.53
Barn rent	35.00
Freight	3.26

Total \$6,765.57

Property on Hand May 1st, 1907.

Cass street engine house and lot	\$ 7,450.00
Four horses, blankets, harness, etc.	1,251.55
Two fire engines	8,000.00
One chemical engine	1,138.70
Hose wagons, carts, sleighs ladders, etc.,.....	1,686.00
Connections for engines,	

suction pipes, etc.	339.67
Nozzles, Wrenches, Spanners, etc.	265.00
Four hand chemicals	50.00
Gongs, extra lines, heating system, etc.	573.00
Fire alarm system	3,970.25
Five thousand feet of hose	3,530.00
New equipment 4 fire alarm boxes	200.00

Total amount of property on hand May 1st \$28,445.17

During the year the department responded to 86 alarms, traveled 149¼ miles to and from fires, worked 108¾ hours at fires and laid 48,250 feet of hose, at which the total loss amounted to \$37,350.16, on which there was a total insurance of \$492,050.00. The insurance above the loss was \$454,299.84.

Causes of Fires.

Defective chimneys, 15; Defective furnaces, 2; Carelessness with matches, 8; Lighting, 1; Gasoline explosion, 2; Spontaneous combustion, 2; hot coals, 3; Sparks from locomotive, 2; Burning rubbish, 3; friction, 2; unknown, 7; chimney fires, 37; false alarms, 2.

During the year five new fire alarm boxes were put in commission at the following locations: No. 29, Corner Eleventh and Wadsworth; No. 39, Corner Elmwood avenue and Front; No. 46, Corner of Eleventh and Cass; No. 122, Corner Eighth and Bates; No. 45, Hannah Lay Grist Mill, the last mentioned being a private box, paid for by that company. This makes a total of 40 fire alarm boxes now in commission in the city.

The efficiency and discipline of both the paid and volunteer departments is of a high standard. This has been demonstrated by the officers and men being ever ready to execute their respective duties and obey orders.

In conclusion allow me to tender my sincere thanks to the mayor and council for the support given this department the past year.

Very respectfully,
THOMAS MURRAY,
Chief of the Fire Department.

Annual Report of Board of Health

Traverse City, Mich., May 4, 1907.

Annual report of the Department of Public Health, Traverse City, Mich.

A. V. Friedrich, Mayor.

Board of Health

J. B. Martin, president and health officer.

Tracy H. Gillis, City Clerk.

Frank Carver, Supervisor First Ward.

S. C. Darrow, Supervisor Second Ward.

W. W. Dean, Supervisor Third Ward.

William Harsha, Supervisor Fourth Ward.

L. K. Cleveland, Supervisor Fifth Ward.

C. R. Dockeray, Meat and Milk Inspector.

William R. Caldwell, City Engineer.

W. G. Struble, City Scavenger.

The total number of contagious cases reported was 261, as follows:

Pneumonia, 12 cases, 2 deaths; Whooping Cough, 14 cases, 2 deaths; Diphtheria, 24 cases, 1 death; Small Pox, 2 cases; Chicken Pox, 3 cases; Scarlet Fever, 14 cases; Measles, 25 cases; Meningitis, 1 case, 1 death; Tuberculosis, 19 cases, 15 deaths, 2 lingering, 2 left city; Typhoid Fever, 146 cases, 12 deaths.

Of the above, 231 of the cases required disinfecting. The cases at the asylum were looked after by the doctors in charge. We had 24 cases of Diphtheria, with one death, which speaks well for the use of Antitoxine, which was used in all cases. The board have been favored in getting Antitoxine much cheaper than formerly, which was a great saving. Typhoid Fever has caused the most sickness, 146 cases reported, with 12 deaths. The cause was evidently due to impure milk, the water supply having been examined several times.

Through the efforts of the Board and Council a Meat and Milk Inspector was appointed. Said officer has accomplished much for good in a sanitary way and we hope the good will be continued.

Tuberculosis—19 cases reported 13 deaths. Consumption is still the cap-

tain of the men of death. How to prevent consumption. The spit and the small particles coughed up and sneezed out by consumptives and by many who do not show that they have consumption are full of living germs too small to be seen. These germs are the cause of consumption.

Right here let me urge you to enforce the ordinance relative to spitting on the sidewalks. Don't spit on the sidewalks. It spreads disease and it is against the law. Don't spit on the floors of your rooms or hallways. Don't spit on the floor of your shop. When you do spit, spit in the gutters or into a spittoon. Have your own spittoon half full of water and clean them out at least once a day with hot water. Don't cough without holding your handkerchief or your hand over your mouth. Don't live in rooms where there is no fresh air. Don't work in rooms where there is no fresh air; don't sleep in rooms where there is no fresh air. Keep at least one window open in your bedroom day and night. Fresh air helps to kill the consumptive germs. Fresh air helps to keep you strong and healthy. Don't eat with soiled hands, wash them first. Don't neglect a cold or cough. The careful and clean consumptive is not dangerous to those with whom he lives and works.

I would recommend that the people living in the sewer district be compelled to use the same. Also to extend sewers in first ward to factory districts.

Collection of Garbage

Would suggest the placing of boxes, barrels or cans in alleys for garbage, said garbage to be collected by the City Scavenger at least twice a week. Expense of such work to be paid by the city.

The City Scavenger has done more in the last year and more thoroughly than in any four years previous.

He has cleaned 5 cess pools, filled one cistern, cleaned 214 closets, carted away 4 cows, 23 horses, 25 dead dogs, 40 dogs killed. Licenses issued to 374 dogs, amounting to \$396.00 for dog license.

We have met with some opposition in our work, but as a rule the people

BOARD OF HEALTH

were willing to aid us. The Board has at all times given valuable aid in the work and assist in numerous ways.

In closing my annual report I desire to express to your Honorable Body and the Board of Health my appreciation of the consideration and support you have given me at all

times. I am satisfied that without such hearty and consistent co-operation it would not have been possible to have obtained such satisfactory results in my work.

J. B. Martin, M. D.

Respectfully submitted,
Health Officer.

Annual Report of the Board of Library Trustees

To the Mayor and City Council of the City of Traverse City, Michigan:

—Gentlemen—We have the honor to submit to your honorable body in connection herewith a statement of the receipts and expenditures of the Board of Trustees during the past year in connection with the City Public Library; also the Librarian's report as required by the provisions of the City charter.

Appreciating the great inconvenience to which the residents of the eastern part of the city were put in order to receive any benefit of the Public Library, the Board of Trustees thought best to establish a branch in that part of the city, and we are pleased to be able to state that, through the kindness and courtesy of the Board of Education in giving us the use of a room, lighted and warmed, in the Oak Park school building, for the purpose, we were able to supply the needs of these people. The room was fitted up and several hundred volumes placed therein. Miss Della Gillett was engaged as Assistant Librarian to take charge of the work. It was opened to the public on the first of October, 1906, from 12 o'clock to 8 every week day, and has proved a success, and its need demonstrated by the report of the Librarian.

A new and important feature has been introduced during the past year, the wisdom of which has also been demonstrated. We refer to the introduction of the "Story Hour," which has been ably conducted by Miss Stout. This feature was commenced October 1, 1906, and has been in successful operation ever since. She has told four stories each week: two at the main building and two at the branch. Miss Stout's report shows how well her work has been appreciated by the boys and girls.

Owing to a lack of funds we have been unable to add nearly as many books to the library as we should have liked to, or as was actually needed. We have added only 276 volumes, at an expense all told of \$392.65. A few of these were valuable reference books, and nearly all

of the rest were juvenile works. Very few books of fiction have been bought during the year, although the demand for them has been great.

We shall submit to your honorable body at an early date an estimate of the amount of money that will be required to run the Public Library, and the purposes for which the same will be used, during the coming year.

Respectfully submitted,

E. L. Sprague
Mrs. E. B. Minor
Leon F. Titus.

Traverse City, Mich., Apr. 30, 1907.

Invoice of Library Property, owned by the city of Traverse City, Michigan:

Library building, including grounds and furniture...	\$30,000.00
Books in main and branch	10,000.00

\$40,000.00

E. L. Sprague,
Mrs. E. B. Minor.
Leon F. Titus.

Traverse City, Mich., Apr. 29, 1907.

To the Mayor and City Council of the City of Traverse City, Michigan:

Gentlemen—We herewith submit for your consideration the financial statement of the Library fund for the period commencing April 1, 1906, and ending April 30, 1907.

Expenditures.

We have paid out as per the following statement:

For Salaries.

Librarian	\$ 471.00
Assistant Librarians	415.00
Janitor	390.00

\$1,276.00

Magazines and subscriptions	104.39
Books	392.65
Incidentals, ink, paste, etc.	42.44
Lights	187.36
Rebinding books and Magazines	258.13
Lawn and plants	26.13
Laundry	5.08
Cards and printing	45.99
Telephone	6.00
Typewriter	30.00
Water	19.00
Repairs and Supplies	125.50

LIBRARY

Dray	1.50
Fuel	243.67

\$2,763.84

Receipts.

Balance on hand May 7, 1906	186.80
Furniture sold	20.00
General tax	2,402.79
Recorders court and library fines	59.00
Overdrawn	95.25

\$2,763.84

E. L. Sprague.

Mrs. E. B. Minor.

Leon F. Titus.

Subscribed and sworn to before me, a notary public on the 29th day of April, A. D., 1907.

Tracy H. Gillis, Notary Public.

My commission expires April 12, 1910.

2811—Number of Volumes in Library by Departments.

Fiction, 2075; juvenile fiction, 1,068; Philosophy, 60 Religion, 110; Sociology, 156; Philology, 29; Natural Science, 323; Fine Arts, 69; Useful Arts, 102; Literature, 401; History, 609; Travel, 194; Biography, 289; General including bound magazines, 501; Pamphlets, 1,255; Government reports 436; Illustrated albums, 5; Atlases, 161. Total, 7,843.

Of these books, 410 are duplicates and have been placed in the Oak Park branch.

Magazines subscribed for, 40; magazines donated, 14. Total, 54.

Number of Books Issued by Departments.

	Main Library	Oak Park Branch
Fiction	15,576	1,070
Juvenile Fiction	10,343	3,941
Philosophy	56	2
Religion	149	31
Sociology	506	246
Philology	3	1
Natural Science	368	55
Useful Arts	69	3
Fine Arts	183	35
Literature	384	143
History	399	148
Travel	279	3
Biography	338	22
Bound Magazines	796	117

29,429 **5,817**

Total number of books issued, 35, 246.

Number of children at story hour from October 1st to May 1st: Main Library, 2,590; Oak Park Branch, 3,682. Total, 6,272. Average 68.

Number of books rebound, 227; number of magazines bound, 86. Total, 313.

Number of books added during the year, 276.

Number of patrons enrolled in new register and not counting a few old cards still in use, 1,438.

Number of persons using reading room: men, 2,907; women, 2,036; children, 8,524. Total, 13,467.

Helen Stout, Librarian.

Traverse City, Mich., May 1, 1907.

Report of Meat and Milk Inspector

To the Honorable, the Mayor and City Council of the City of Traverse City, Michigan.

2825—Gentlemen: Your milk and meat inspector would report as follows for the month of April:

Number of dairies visited in the city	25
Number of cows in said dairies..	40
Number of dairies in the country	24
Number of cows in dairies in country	341

The condition of all dairies is good. The cows are kept clean as well as the barns and surroundings. I visited all the meat markets twice, each, the past month and found them all in good condition.

There are at present 15 markets, three having closed during the past month.

During the past six months there has been a marked improvement in the care of the dairies, especially in keeping the cows perfectly clean. The only criticism would be one or two cows owned in the city, which are not quite as clean as they should be. The dairymen in the country are taking as much pains in currying and brushing their cows as they do their horses, and they acknowledge to me that an inspector is all right, for they take a little more pains at least, than if they did not expect some one to visit their premises.

In regard to the meat markets. I have the same recommendation to make that I made once before, and that is, that those who peddle meat about the city, and do not maintain a market here, should be compelled to have their meat inspected and stamped before offering the same for sale.

Respectfully submitted,

C. R. Dockeray.

There being no objections the same was received and placed on file.

To the Honorable, the Mayor and City Council of the City of Traverse City, Michigan.

2826—Gentlemen: Your milk and meat inspector reports as follows for the past six months. I commenced work Nov. 5, 1907, and have visited all dairies on an average of once a month. I have tested the milk twice each month, and oftener if any complaints were made against any dealer. I have received only three direct complaints

in regard to milk dealers, and on examination failed to find anything wrong with the milk in any of these cases.

At first I found many of the dairy barns and cows not quite as sanitary as they ought to be; but owners at once complied with the request to improve conditions. Was obliged to forbid the selling of milk from one dairy on account of the filthy condition of the barn and cows. But in less than a week the barns and cows were placed in a good condition, and the milk allowed to be sold. Three dairies were stopped from selling for eight days on account of finding milk which was sold to a family who had contracted typhoid fever. The milk was condemned upon examination by the state analyst and a separate examination from each dairy located the source of supply of the contaminated milk. The conditions of this dairy were improved so that the milk was pronounced good the state analyst, and the sale of the same was allowed to be resumed.

There are 25 dairies in the country that make a business of furnishing milk for the city. The owners of seven of these peddle the milk themselves. The remainder furnish dealers in the city. There are four dairies in the city besides 21 persons who keep one cow for their own use and sell to neighbors.

There are 12 dealers who deliver by wagon and one who carries it himself and delivers from can.

Eleven of the 25 dairies in the country have everything in first-class condition; cement floors, a good system of ventilation, plenty of good water in the barns, and a good milk room where the milk is aerated or cooled, and then placed in bottles or cans. The remaining 14 are in good condition, excepting that a few lack the proper ventilation. They all exercise great care in feeding and cleaning their cows and stables.

The stables in the city are mostly in good condition, except a few which are very poorly ventilated. This condition will be improved in the near future. Many do not realize the necessity of proper ventilation, but it is a greater cause of sickness among stock than all others combined. Nearly all cases of tuberculosis in dairy herds can be traced to poor ventila-

MEAT AND MILK INSPECTOR

tion. The past winter has been a bad one financially among producers of milk. The long period of feeding dry feed, and which has been more expensive than usual, and also extra care of stables and cows has added much to the cost of producing the milk, and they have received the same price as formerly, when the cost of feed and care were much less. Several are considering giving up the business on account of the loss.

The price of milk here is less than in most cities where feed and care cost the same. The dealers here sell 17 quarts for one dollar in winter and 20 quarts for one dollar in summer, when the cows are upon pasture. In Grand Rapids and several other cities in that vicinity the dealers sell 14 quarts for one dollar the year round.

The Meat Markets.

There were 18 meat markets when I made my first inspection in November. Three have gone out of business within the past few weeks, leaving 15 who are still in business. With the

exceptions of one or two the markets are well equipped to handle meats, and they are kept in good sanitary condition, and so far as I have been able to see, are careful of the kind and quality of meat they furnish.

In order for a meat inspector to know that all meat is good, he should be empowered to inspect all animals before they are killed, and also immediately afterwards. He should make frequent visits to the markets to see that no spoiled meat is used in any form. All meats peddled about the city by farmers or others should be inspected and stamped before being offered for sale.

Slaughter Houses.

There are eight slaughter houses used by the butchers in this city. They are kept in good condition during the winter, but during the hot weather it will require considerable more care to keep them in good sanitary condition.

Respectfully submitted,

C. R. Dockeray,
Milk and meat inspector.

Report of City Weighmaster

2828—Report of the city weighmaster
for the year ending April 30, 1907:

Weighed the following:

3,674 loads of potatoes.

1,531 loads of hay.

482 loads of grain.

831 loads of coal, coke, iron and

stone.

2,283 head of live stock.

Receipts, \$710.70.

Expenses, \$698.40.

Respectfully,

F. A. Winnie,
City weighmaster.

177
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Annual Reports of the City of Traverse City



1907-8

352,0774
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1907/08

OFFICIALS

OF THE

City of Traverse City

W. D. C. GERMAINE Mayor
Residence, 205 Wellington St.

T. H. GILLIS City Clerk
Residence, 508 State St.

R. S. HASTINGS City Treasurer
Residence, 512 Webster St.

F. H. PRATT City Attorney
Residence, 512 S. Union.

W. R. CALDWELL City Engineer
Superintendent Water Works.
Residence, 521 Sixth St.

C. W. ASHTON Chief of Police
Residence, 626 Washington St.

JOHN RENNIE, Chief of Fire Dept.
Residence, 242 East Front St.

FRANK A SCOTT, Meat & Milk Insp.
Residence, 441 W. Seventh St.

W. G. STRUBLE City Scavenger
Pound Master.
Residence, 544 E. Eighth St.

F. A. WINNIE Weighmaster
Residence, 823 W. Front St.

G. A. HOLLIDAY Health Officer
Residence, 612 Washington St.

ALDERMEN.

First Ward. Residence

M. Winnie 232 State St.
J. H. Lamson 548 E. Eighth St.

Second Ward.

A. W. Rickard 119 N. Oak St.
F. R. Goodrich 131 N. Elmwood Ave.

Third Ward.

F. E. Lahym 332 W. Tenth St.
W. H. Abbott 521 W. Seventh St.

Fourth Ward.

Jas. Murch'ie 244 E. Eighth St.
L. F. Perkett 126 E. Eighth St.

Fifth Ward.

J. M. McCormick 873 E. Eighth St.
W. E. Moon 710 Washington St.

STANDING COMMITTEES.

Council.

M. Winnie, Pres. Pro Tem.

Ways and Means—Rickard, Abbott,
Winnie.

Streets and Walks—Goodrich, Lahym,
Lamson.

Claims and Accounts—Abbott, Rickard,
Lahym.

Water—Abbott, Rickard, Murchie.

Fire and Police—Murchie, Rickard,
Lamson.

Pounds—McCormick, Perkett, Good-
rich.

Sewers—Murchie, Goodrich, Perkett.

Ordinances—Winnie, Moon, McCor-
mick.

Public Lighting—Winnie, Abbott, Mur-
chie.

Bridges—Goodrich, Perkett, Winnie.

Licenses—McCormick, Moon, Perkett.

Printing—Moon, McCormick, Lamson.

Parks—Moon, Lahym, Lamson.

Wharf—Rickard, Lahym, Goodrich.

BOARD OF PUBLIC WORKS.

W. D. C. Germaine, Mayor. . President.
205 Wellington St.

A. W. Wait 221 Boardman Ave.

Thos. Shane 147 E. Eighth St.

J. H. McGough 516 Sixth St.

STANDING COMMITTEES.**Board of Public Works.**

Streets and Walks—Shane, McGough, Wait.

Cemetery—McGough, Shane, Wait.

Sewers—Wait, Shane, McGough.

Parks—Wait, Shane, McGough.

BOARD OF EDUCATION.

W. D. C. Germaine, Mayor..President.
205 Wellington St.

H. Montague..... 444 State St.

C. B. Curtis.....606 W. Front St.

L. Soule.....201 W. Eighth St.

L. W. Codman.....803 S. Union St.

O. G. Millar.....319 Garfield Ave.

STANDING COMMITTEES.**Board of Education.**

Ways and Means—Montague, Soule, Curtis.

Teachers—Curtis, Montague, Millar.

Buildings and Grounds—Millar, Codman, Curtis.

Text Books and Apparatus—Soule, Codman, Montague.

SUPERVISORS.

Residence.

First Ward—F. W. Carver, 628 Washington St.

Second Ward—S. C. Darrow, 803 W. Bay St.

Third Ward—W. W. Dean, 441 W. Eighth St.

Fourth Ward—W. F. Harsha, 905 So. Union St.

Fifth Ward—L. K. Cleveland, 1050 Washington St.

LIBRARY TRUSTEES.

E. L. Edwards.

L. F. Titus.

Mrs. E. B. Minor.

INSPECTORS OF ELECTION.

First Ward—Joseph Sleder, ————*

Second Ward—A. H. Bennett, Thos. Fitch.

Third Ward—W. E. Smith, E. P. Wilhelm.

Fourth Ward—M. J. Holmes, T. G. Shilson.

Fifth Ward—A. A. McCoy, A. B. Vogl.

ELECTION COMMISSIONERS.

T. T. Bates, H. C. Davis, ————*

BUILDING INSPECTORS.

Edward Rosser. Chas. McMichael.
Frank Helm.

JUSTICES OF THE PEACE.

G. W. Curtis. A. B. Curtis.

A. F. Nerlinger. S. Dobson.

*Nct appointed.

Annual Reports

of the City of Traverse City

Traverse City, Mich., April 27, 1908
To the Honorable, the Mayor and City
Council of the City of Traverse
City, Michigan:

3227—Gentlemen: I present herewith
my annual report as city clerk of
Traverse City for the fiscal year be-
ginning May 1, 1907, and ending April
30, 1908:

ASSESSED VALUATION AND TAX RATE FOR 1907.

	Real.	Personal.	Total
First ward	\$1,463,930.00	\$ 748,305.00	\$2,212,235.00
Second ward	522,850.00	155,145.75	677,995.75
Third ward	719,105.00	117,809.00	836,914.00
Fourth ward	381,130.00	121,846.34	502,976.34
Fifth ward	382,435.00	10,235.00	392,670.00
Totals	\$3,469,450.00	\$1,153,341.09	\$4,622,791.09

	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.
School	\$.00727326	\$.007273	\$.007273	\$.007273	\$.007273
General city. .	.0098771	.009877	.009877	.009877	.009877
Street district. .	.001	.003	.002	.002	.003
Int. and Sink. .	.001	.001	.001	.001	.001
Totals ..	\$.01915036	\$.021150	\$.020150	\$.020150	\$.021150

City tax rate 1907 on \$100.00 valuation as follows:

First ward, \$1.92; Second ward, \$2.12; Third ward, \$2.02; Fourth ward, \$2.02; Fifth ward, \$2.12.

Tax rate 1907 on \$100.00 valuation: For state taxes, \$.33, and for county taxes, \$.38. Total, \$.71.

Total tax rate in city for the year 1907, on \$100.00 valuation:

First ward, \$2.63; Second ward, \$2.83; Third ward, \$2.73; Fourth ward, \$2.73; Fifth ward, \$2.83—making an average total tax rate in the city for 1907 of \$2.75 per \$100.00 valuation.

ANNUAL REPORT OF THE CITY CLERK

TAXES ASSESSED AND COLLECTED IN 1907-8.

Assessed on summer tax roll, 1907.	Uncollected, re-assessed on winter tax roll, 1907.	State, county and improvement assessments on winter tax roll, 1907.	Collected July 22 to October 31, 1907.	December 2, 1907. to Feb. 29, 1908.	Delinquent, returned to county
------------------------------------	--	---	--	-------------------------------------	--------------------------------

General city	\$45,678.70	\$3,901.46	\$41,777.24	\$ 1,975.46	\$1,926.00
Street district No. 1	102.86	102.86	2,109.85	47.63	55.23
Street district No. 2	2,212.71	198.98	1,835.91	126.25	72.73
Street district No. 3	1,673.93	186.84	1,487.09	100.96	85.88
Street district No. 4	1,006.00	97.40	908.60	47.68	49.72
Street district No. 5	1,179.18	251.08	928.10	107.83	143.25
Interest and sinking	4,626.14	395.35	4,230.79	200.11	195.24
School	33,626.01	2,872.10	30,753.91	1,454.30	1,417.80
Cass St. extension improvement					52.04
So. Union St. extension improvement					184.39
East State St. improvement					557.92
West Front St. improvement					260.81
East Front St. improvement					88.90
State and Cass Sts. improvement					133.33
Eighth St. improvement					53.86
Washington St. improvement					95.49
Lateral sewer No. 4, Dist. No. 1					287.37
Trunk sewer No. 8					85.80
Cement walks					110.25
Tax fees					1,324.66
State					553.01
County					157.57
Totals	\$92,037.56	\$8,006.07	\$84,031.49	38,167.46	\$8,035.22
Uncollected personal—None.					

RECEIPTS. Contingent.

For:	
Balance May 1, 1907.....	\$11,074.29
Transfers	16,306.20
Moving picture show li- censes	100.00
Wholesale liquor license....	75.00
City retail liquor licenses...	4,550.02
Dray licenses	229.00
Hack licenses	64.00
Interest on deposits	844.34
Hawkers and peddlers' li- cense	59.00
Pool and billiard	20.00
Pawnbrokers	125.00
Bowling alley	20.00
Opera house	50.00
City's share of county liquor licenses	5,712.30
Plumbers' licenses	20.00
Delinquent taxes — county treasurer	3,254.34
Building mover's license....	20.00
Refreshment stands	13.00
Boat license	1.00
Shooting gallery	3.00
Loans	13,100.00
Circus	115.00
Photographers	1.00
1907 tax fees, summer	286.60
Refund Grand Traverse Co., pest house cases	152.94
Judge Recorder's court costs	58.40
Tax fees—winter	163.05
Overpays	2.25
Auditor General, collection taxes	32.90
Overcharge, state and coun- ty taxes	20.43
	<hr/>
	\$56,473.06

DISBURSEMENTS. Contingent Fund.

For:	
Transfers	\$33,773.11
Postage	201.34
Stationery, printing, sup- plies	358.93
Rent of city offices and coun- cil room	1,000.00
Office expense	172.12
Flowers and livery	10.50
Supplies—Judge of Record- er's court	91.65
Primary election, March 19, 1907	13.95
Charter election, April 1, 1907	2.00
Special election, April 30, 1907	8.00
Special primary election, Au- gust 13, 1907	141.39

Special election, Sept. 17, 1907	113.25
Draying	4.55
Meat and milk inspector, sal- ary, supplies, etc.....	503.38
Insurance	35.30
Compilation of ordinances..	250.00
Telephone and toll	28.90
Health, officer, supervisors, board of health and sup- plies	561.80
Supervisors, special assess- ors	79.50
Supervisors, making tax rolls and board of review.....	983.00
Care quarantine cases at pest house	152.94
Piling mouth of Boardman river	1,785.78
Rent Fifth ward hall.....	25.00
Appropriation, 4th of July, 1907	150.00
Rebate, pawnbrokers	25.00
Repairs, book, typewriter and typewriting fees	39.70
Janitor work, city offices and council rooms	30.75
Repairs to building, Union and Tenth streets	1.30
Clerk hire	300.00
Expense G. A. R., Decoration day, 5-30-07.....	82.06
Meeting League Michigan Municipalities and mem- bership	109.96
Rent of fan	5.00
Cleaning weeds from river..	15.40
Refund 1907 tax	647.89
Filling at mouth of Board- man river	231.20
G. A. R.....	112.00
Loans, interest, etc.....	13,643.09
Claims for dust annoyance, etc	45.00
Refunding at auditor gen- eral's office	23.22
Charter election, April 6th, 1908	257.16
Primary election, March 24, 1908	223.86
Tax for city dump ground, 1907	6.83
Building inspectors	15.00
Insurance	54.50
Registration, 3-17-08.....	101.00
Rejected tax	2.13
Bond issue	16.50
Option on parks, etc.....	3.00
	<hr/>
	\$56,437.94

RECEIPTS. Printing.

For.

Transfers	\$ 1,194.56
1907 tax—summer assess- ment	861.93

\$ 2,056.49

DISBURSEMENTS.

Printing.

For:

Balance May 1, 1907.....	\$ 459.57
Bound ordinances	242.34
Council proceedings	471.15
Bound council proceedings..	157.05
Annual reports	11.00
Board of education	84.95
Smith street	14.85
Ordinances	15.30
Bank	1.20
Scavenger, chicken, ash....	1.20

Notices:—

Sewer	61.50
Paving	85.50
Cemetery	7.95
Board of review	10.20
Water	14.10
Reward .....	.90
Clean up	20.65
General tax	79.85
Hauling brick .....	.30
Election	90.15
Street car franchise	10.95
Board of health	1.50
Bond issue	3.30
Transfers	126.45

\$ 1,971.91

RECEIPTS.

Fire.

For:

Transfers	\$ 4,780.12
1907 tax, summer assess- ment	6,514.78

\$11,294.90

DISBURSEMENTS.

Fire.

For:

Balance May 1, 1907	\$ 899.61
Salaries, regular	4,807.50
Hose Companies:—	
No. 1	
No. 2	187.00
No. 3	101.00
No. 4	75.50
No. 5	49.50
Extra	5.00
Hook and Ladder Co.....	42.00
Heating	200.00
Light	29.37
Veterinary	11.85
Hay, oats, bedding, etc....	562.56
Department expense	196.62
Draying and extra teams...	42.50
Horse shoeing	57.15

Battery supplies and chem- ical	58.29
Barn rent	30.00
Firemen's convention	125.00
Repairs and new equipment	779.42
Water	11.40
Telephone	36.00
Transfers	2,987.63

\$11,294.90

RECEIPTS.

Salaries.

For:

Transfers	\$ 7,209.34
1907 tax, summer assess- ment	8,584.28

\$15,793.62

DISBURSMENTS.

Salaries.

For:

Balance, May 1, 1907.....	\$ 5,004.43
Gillis, clerk	1,800.00
Huellmantel, treasurer	15.40
Hastings, treasurer	1,200.00
Caldwell, engineer.....	1,400.00
Holliday, health officer....	300.00
Lavis, city attorney.....	300.00
Nerlinger, Judge of Record- er's court	400.00
Winnie, weighmaster	660.00
Friedrich, mayor	300.00
Winnie, alderman	200.00
Palmer, alderman	140.00
Goodrich, alderman	165.00
Rickerd, alderman	195.00
Abbott, alderman	200.00
Shuter, alderman	180.00
Murchie, alderman	180.00
Lardie, alderman	200.00
Moon, alderman	200.00
McCormick, alderman	200.00
Wait, bd. pub. works.....	200.00
Shane, bd. pub. works....	200.00
McGough, bd. pub. works...	200.00
Transfers	756.97

\$14,596.60

RECEIPTS.

Interest and Sinking.

For:

Balance May 1, 1907.....	\$ 5,422.70
Delinquent tax, county treas.	236.53
County tax sale	7.83
Summer tax, 1907	4,230.79
Re-assessed, 1907	200.11

\$10,097.96

DISBURSEMENTS.

Interest and Sinking.

For:

Interest on refunding bonds.	\$ 1,400.00
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Interest on bridge bonds...	360.00
	<u>\$ 1,760.00</u>

RECEIPTS.**Police.**

For:

Balance May 1, 1907.....	\$ 31.33
1907 tax, summer assessment	4,314.02
Transfers	1,271.99
	<u>\$ 5,617.34</u>

DISBURSEMENTS.**Police.**

For:

Regular men	\$ 4,029.00
Special men	266.00
Horseshoeing	9.20
Hay, oats, etc.	129.00
Papering office	7.25
Helmets	10.15
Telephone	37.65
Bunting and linoleum	9.51
Dray and livery	9.00
Meals for prisoners and po-	
licemen	6.35
Repairs to coop	3.55
New equipment	41.65
Light	2.80
Transfers	1,053.78
Telegrams	1.45
Rooms	1.00
	<u>\$ 5,617.34</u>

RECEIPTS.**Library.**

For:

Transfers	\$ 621.95
Judge of Recorder's Court	
fines, city	195.75
Co. Treas. fines, county....	348.20
1907 tax, sum. assessment..	2,393.28
	<u>\$ 3,559.18</u>

DISBURSEMENTS.**Library.**

For:

Balance May 1, 1907.....	\$ 245.25
Light	156.82
Water	19.00
Repairs to bldg	37.81
Books	402.58
Magazines and sub.	176.50
Printing and stationery....	26.50
Librarian	421.20
Asst. librarian	329.50
Janitor	415.00
Librarian, Oak Park	295.00
Lawn	7.55
Laundry	5.00
Linoleum	4.25
Miscellaneous supplies	26.03
Fuel	244.49

Binding books	50.40
Transfers	443.80
Insurance	252.50
	<u>\$ 3,559.18</u>

RECEIPTS.**Light.**

For:

Balance May 1, 1907	\$ 1,142.45
Lights out	122.06
1907 tax, sum. assessment..	5,556.59
Transfers	334.41
	<u>\$ 7,155.51</u>

DISBURSEMENTS.**Light.**

For:

City offices	47.30
Streets	5,583.93
Alleys	142.50
Third ward building	6.70
Lamps	4.80
Printing	3.50
Transfers	334.41
	<u>\$ 6,123.14</u>

RECEIPTS.**Water.**

For:

Balance May 1, 1907	\$ 7,336.33
Schedule rates	10,720.95
Meter rates	4,743.10
Taps	688.00
Ex. labor	28.50
Installing meters	32.00
Pipe, fittings, etc	168.95
Loans	18,263.23
Transfers	1,855.18
Circus	12.00
1907 tax, sum. assessment..	4,983.43
Labor, G. A. R. encampment	12.00
Int. refund	6.06
Catholic cemetery	23.00
Ex. water, R. R.	21.75
Stack sold	1.00
Repairs to meters	2.75
Barn rent.....	3.00
	<u>\$48,901.23</u>

DISBURSEMENTS.**Water—Office.**

For:

Superintendent	\$ 800.00
Stationery, printing and ex-	
press	33.95
Insurance	125.00
Interest	4,102.17
Rebates	41.86

Pumping.

Engineers	1,535.00
Firemen and extra men....	1,530.60
Fuel	2,210.41
Oil, waste, packing, etc....	401.42

Lights	92.40	Labor, filling for Cass St....	499.61
Phones	13.95	Reprs. and clean. N. Union	
Miscellaneous	74.47	St.	67.86
Maintenance.		Labor, filling for N. Union	
Intake .....	.	St.	83.95
Pumps	5.50	Inspecting bridge lumber...	14.05
Boilers	4.50	Labor, filling for 8th St....	2.00
Aux. Machinery	22.91	Repairs Cedar St. ....	.87
Buildings	24.93	Repairs Division St.	8.57
Mains	134.42	Repairs Park St.	13.94
Hydrants	324.59	Labor, filling for Park St...	39.66
Repairing and test. meters..	84.95	West Front St. culvert	10.13
Miscellaneous	165.22	Repairs Sixth St.	2.62
Construction.		Cleaning bridges	23.21
Intake	1,632.90	Wire .....	.59
Mains	23,581.03	Repairs Eighth St.....	243.24
Valves	1,085.25	Repairs South Union St....	374.83
Hydrants	884.85	Repairs Elmwood Ave.....	3.37
Taps	2,538.59	Transfers	243.01
Meters	393.60		
Tools, etc.	824.42		\$ 3,037.86
Stack	762.16	RECEIPTS.	
Transfers	1,855.18	Cemetery.	
	\$45,286.23	For:	
RECEIPTS.		Balance May 1, 1907.....\$	200.84
General Sewer.		Lots, fiscal year.....	721.00
For:		Lots, del. May 1, 1907.....	25.00
Balance May 1, 1907.....\$	1,563.02	Lots, del. May 7, 1906.....	48.00
Delinquent tax Co. Treas:—		Burials, removals, vault ser-	
Lat. No. 1, Dist. No. 8....	57.33	vice, fiscal year.....	627.00
Trunk No. 6	27.57	Burials, del. May 1, 1907....	14.00
Lateral No. 6.....	97.35	Burials, del. May 7, 1906....	13.00
Lateral No. 5.....	58.74	Care lots 1907, fiscal year...	539.85
Lat. No. 1, Dist. No. 1....	110.33	Care lots, del. May 1, 1907..	53.00
		Care lots, del. May 7, 1906..	24.00
	\$ 1,914.34	Extra care of lots, del. May	
DISBURSEMENTS.		1, 1907	7.30
General Sewer.		Grading, sodding, etc., lots,	
For:		graves, fiscal year.....	451.75
General repairing	\$ 172.68	Labor on tents.....	15.00
Freight and ctg. on sew. pipe	63.19	Cementing graves, Jewish	
Lumber and supplies	26.55	cemetery	3.00
Wellington street extension,		1907 tax, sum. assessment..	481.27
alley to Washington St...	563.91	Care lots, season 1908.....	8.00
Elmwood ave. school.....	364.27		
Pipe	361.88		\$ 3,232.01
	\$ 1,552.48	DISBURSEMENTS.	
RECEIPTS.		Cemetery.	
Bridge.		For:	
For:		Soil	\$ 30.00
Transfers	\$ 2,134.85	Trees	18.00
Overpay	8.75	Tools and equipment.....	38.06
1907 tax, sum. assessment..	1,439.46	General labor.....	311.63
	\$ 3,583.06	Raking leaves	48.57
DISBURSEMENTS.		Cutting grass	120.95
Bridge.		Caring for water and lots..	168.95
For:		Sod	49.20
Balance May 1, 1907.....\$	1,329.82	Hauling soil	52.00
Nails, etc.	21.90	Hose bibbs.....	67.20
Repairs, Cass St.	54.63	Sexton	600.33
		Horse hire	120.00
		Team work	30.75
		Rebate	1.50

Clover seed	4.40
Care of flower beds.....	41.20
Water	9.50
Rebates	3.00
Telephone	12.00
Draying	3.00
Miscellaneous supplies.....	2.00
Gen. labor, new add.	9.21
	<hr/>
	\$ 1,741.45

RECEIPTS.

Park.

For:

Transfers	\$ 512.28
Over pay	1.75
1907 tax, sum. assessment..	958.18
	<hr/>
	\$ 1,472.21

DISBURSEMENTS.

Park.

For:

Balance May 1, 1907.....	\$ 101.58
Trees	50.00
Hannah Park—Caretaker...	202.63
Refuse	25.12
Hose and sprinkler.....	14.40
Labor, filling	406.18
Lake Ave. Park—Iabor.....	57.85
Tools .....	.50
Plants	11.50
Union and Tenth Sts.....	7.37
East Bay Park—Iabor.....	13.99
Ashes	3.10
General labor	1.20
Freight and cartage.....	1.61
Park seats	21.00
Transfers	357.34

\$ 1,275.37

RECEIPTS.

General Street.

For:

Transfers	\$ 9,892.46
Dog licenses	206.00
City market	951.35
Street sweepings	2.00
Delinquent tax, Co. Treas...	1,568.61
Cement walks, built 1906...	60.00
Cement walks, 1907	4,213.86
Rebate S. Union St. Ex. Imp	5.90
Over pay	3.27
County tax sales	211.97
Wellington St. curb.....	297.00
1907 tax, sum. assessment..	7,665.48
Stone	409.86
Paving brick	10.20
Rebate Met. Pav. Co.....	300.00
Cement walks, re-assessed..	1,324.66
Repairing sidewalks	1.76
Street sweepings	5.50

\$27,129.88

DISBURSEMENTS.

General Street.

For:

Balance May 1, 1907.....	\$ 3,133.26
Salary of St. Com.....	1,170.00
Snow plowing	57.04
Labor on dump ground, river	33.47
Killing, etc., of dogs.....	69.00
Lumber, nails, rps walks...	373.01
Insurance	41.70
Rebate, cement walks.....	23.45
Labor, rprs. to walks.....	298.57
Permanent fill to W. Front	
St. culvert	458.49
Lumber, tools and repairs...	726.70
Lumber, nails, etc., repairing	
cross walks	
Labor, repairing cross walks	6.25
General cleaning	4.12
Cleaning catch basins	9.78
Cement walks—gravel	1,220.25
Sand	491.00
Labor and draying	3,906.33
Tearing up and filling...	1,153.71
Repairs to outfit and new	149.51
Oil, lanterns, tools, sup-	
plies, etc.	43.62
Lumber and stakes.....	60.96
Cement	5,219.03
Light for city market.....	7.70
Wood, city market	22.45
Mixer	179.20
Interest on Cass and Union	
intersection notes	209.96
Telephone, city market...	12.00
Repairs, weigh office	7.95
Rebate, Wash. St. curb.....	178.20
Paving—Hannah Park.....	173.31
Library	133.94
Union and Tenth Sts....	80.88
West Front St.....	32.32
Repr. drinking fountain...	2.15
Repr. pavement	1.00
City Engineer's expense....	2.68
Grading Birchwood road ...	13.50
Wellington St. curb, Wash-	
ington to State Sts.....	266.15
Crushing stone	615.16
Loan of waders.....	1.00
School house assess., 8th	
St. imp. No. 1.....	321.30
Repairs to crusher.....	16.25
Washington St. fill.....	286.61
Grading Lincoln St.....	72.21
Transfers	4,384.41
Int. on 8th and Washington	
St. intersection note....	125.27

\$25,794.85

RECEIPTS.

Street Dist. No. 1.

For:

Balance May 1, 1907.....	\$ 1,007.63
Delinquent tax, Co. Treas..	55.88
1907 summer tax.....	2,109.85
County tax sales .....	.38
Re-assessed, 1907	47.63

\$ 3,221.37

DISBURSEMENTS.

Street Dist. No. 1.

For:

General repairs	\$ 455.92
Cleaning pavement	1,520.28
Sprinkling	664.69
Labor, road grader	22.07
Gravel	29.80
Cleaning cross walks	12.04
Cutting weeds	1.74
Stumping Wellington St....	11.00
General cleaning	18.40
Cleaning catch basins.....	26.76
Shoveling snow	143.74
Snow plowing	78.55
Sanding walks	7.02
Hauling and lev. snow.....	73.44

\$ 3,065.45

RECEIPTS.

Street Dist. No. 2.

For:

Transfers	\$ 899.86
Delinquent tax, Co. Treas..	47.21
Summer tax, 1907.....	1,835.91
County tax sales.....	1.42
Re-assessed, 1907	126.25

\$ 2,910.65

DISBURSEMENTS.

Street Dist. No. 2.

For:

Balance May 1, 1907.....	\$ 339.47
General repair	625.05
Cleaning pavement	169.33
Labor, road grader	36.50
General cleaning	42.13
Sprinkling	324.60
Cleaning cross walks.....	19.74
Cutting weeds	10.15
Gravel	17.50
Cleaning catch basins	3.74
Shoveling snow	105.69
Snow plowing	113.26
Hauling snow.....	6.20
Transfers	899.86
Repairing Oak St.....	5.20

\$ 2,718.42

RECEIPTS.

Street Dist. No. 3.

For:

Balance May 1, 1907.....	\$ 135.63
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Delinquent tax, Co. Treas...	55.95
Transfers	158.37
Summer tax, 1907	1,487.09
County tax sales.....	2.56
Over pay .....	.52
Re-assessed, 1907	100.96

\$ 1,940.83

DISBURSEMENTS.

Street Dist. No. 3.

For:

General cleaning	\$ 26.27
Cleaning pavement	430.61
General repairs	256.17
Road grader	28.86
Sprinkling	195.85
Cutting weeds	3.50
Cleaning cross walks.....	10.29
Cleaning catch basins.....	3.00
Snow plowing	106.47
Shoveling snow	105.48
Sanding walks .....	.35
Hauling snow	9.42
Transfers	158.37

\$ 1,334.64

RECEIPTS.

Street Dist. No. 4.

For:

Balance May 1, 1907.....	\$ 72.33
Delinquent tax, Co. Treas..	13.89
Transfers	163.27
Summer tax, 1907	908.60
County tax sales.....	.08
Re-assessed, 1907	47.68

\$ 1,205.85

DISBURSEMENTS.

Street Dist. No. 4.

For:

General repairs	\$ 364.85
Cleaning pavement	211.00
General cleaning	5.95
Road grader	4.87
Sprinkling	179.20
Cleaning cross walks	7.83
Cutting weeds	1.74
Cleaning catch basins.....	2.87
Snow plowing	47.32
Shoveling snow	42.78
Hauling snow	10.67
Transfers	163.27

\$ 1,042.35

RECEIPTS.

Street Dist. No. 5.

For:

Transfers	\$ 720.82
Delinquent tax, Co. Treas..	88.13
Summer tax, 1907	928.10
County tax sales.....	3.38
Re-assessed, 1907	107.83

\$ 1,848.26

DISBURSEMENTS.
Street Dist. No. 5.

For:	
Balance May 1, 1907.....	\$ 367.90
General repair	481.75
General cleaning	11.42
Sprinkling	170.65
Road grader	21.49
Gravel	47.50
Cutting weeds	5.24
Cleaning cross walks.....	3.31
Shoveling snow.....	103.42
Snow plowing	117.51
Transfers	518.07
	<hr/>
	\$ 1,848.26

RECEIPTS.
Cass St. Ex. Imp.

For:	
Balance May 1, 1907	\$ 140.84
Second installment—	
Principal	339.44
Interest	67.89
Delinquent tax, Co. Treas..	43.37
	<hr/>
	\$ 591.54

DISBURSEMENTS.
Cass St. Ex. Imp.

For:	
Rebates	\$ 12.78
Note No. 1.....	381.14
Interest note No. 1.....	19.05
Note No. 2.....	
Interest note No. 2.....	19.05
Note No. 3.....	
Interest note No. 3.....	19.05
Note No. 4.....	
Interest note No. 4.....	19.05
	<hr/>
	\$ 470.12

RECEIPTS.
Trunk Sewer Dist. No. 8.

For:	
Delinquent tax, Co. Treas...\$	67.40
Third installment	86.00
Interest	7.50
Re-assessed, 1907	110.25
	<hr/>
	\$ 271.15

DISBURSEMENTS.
Trunk Sewer Dist. No. 8.

For:	
Balance May 1, 1907.....	\$ 1,132.04

RECEIPTS.
Sixth Street Imp.

For:	
Balance May 1, 1907.....	\$ 2,610.73
Fifth installment—	
Principal	1,936.77
Interest	98.46
Delinquent tax, Co. Treas..	42.42
	<hr/>
	\$ 4,688.38

DISBURSEMENTS.
Sixth Street Imp.

For:	
Payment on principal.....	\$ 3,941.61
Payment on interest	373.38
	<hr/>
	\$ 4,314.99

RECEIPTS.
Front and Union Street Imp.

For:	
Balance May 1, 1907.....	\$ 1,825.07
Delinquent tax, Co. Treas..	144.56
	<hr/>
	\$ 1,969.63

DISBURSEMENTS.
Front and Union Street Imp.

For:	
Payment on principal	\$ 1,739.70
Payment on interest.....	187.37
	<hr/>
	\$ 1,927.07

RECEIPTS.
State and Cass Street Imp.

For:	
Balance May 1, 1907.....	\$ 1,685.10
Delinquent tax, Co. Treas..	113.13
State—Fifth installment—	
Principal	660.08
Interest	33.82
Cass—Fifth installment—	
Principal	372.18
Interest	11.66
	<hr/>
	\$ 2,875.97

DISBURSEMENTS.
State and Cass Street Imp.

For:	
Payment on principal.....	\$ 2,564.08
Payment on interest	280.00
	<hr/>
	\$ 2,844.08

RECEIPTS.
East Front Street Imp.

For:	
Balance May 1, 1907.....	\$ 625.51
Third installment—	
Principal	717.55
Interest	109.35
Re-assessed, 1907	88.90
	<hr/>
	\$ 1,541.31

DISBURSEMENTS.
East Front Street Imp.

For:	
Interest on note No. 3.....	\$ 113.70
Interest on note No. 5.....	93.35
Payment on note No. 3.....	983.68
Interest on note No. 7.....	93.35
	<hr/>
	\$ 1,284.08

RECEIPTS.

East State Street Improvement

For:	
Balance May , 1907.....	\$ 278.68
Del. tax. Co. treas.	415.66
Third installment—	
Principal	2,982.03
Interest	455.89
Fourth installment—	
Principal	149.88
Interest	2.35
Fifth installment—	
Principal	102.70
Interest	1.00
Third installment re-assessed	
1907	557.92
	<u>\$ 4,946.11</u>

DISBURSEMENTS.

East State Street Improvement.

For:	
Payment on note No. 3....	\$ 1,061.65
Interest on note No. 3	170.58
Note No. 4	1,137.18
Interest on note No. 4	55.30
Interest on note No. 5	170.58
Interest on note No. 6	55.30
Interest on note No. 7	170.58
Interest on note No. 8	55.30
	<u>\$ 2,876.47</u>

RECEIPTS.

West Front Street Improvement

For:	
Balance May 1, 1907	\$ 677.67
Third installment—	
Principal	3,763.62
Interest	566.61
Fourth installment—	
Principal	112.40
Interest	1.75
Fifth installment—	
Principal	112.40
Interest	1.74
Del. tax, Co. treas	35.07
Refund Int. Bank	5.26
Third inst. re-assessed, 1907	260.81
	<u>\$ 5,537.33</u>

DISBURSEMENTS.

West Front Street Improvement

For:	
Note No. 3	\$ 3,448.55
Interest on note No. 3	177.69
Note No. 4	1,149.51
Interest on note No. 4	59.10
Interest on note No. 5	172.43
Interest on note No. 7	172.43
	<u>\$5,179.71</u>

RECEIPTS.

So. Union St. Ex. Improvement

For:	
Balance May 1, 1907.....	\$ 1,665.11
Second installment—	
Principal	1,871.88
Interest	377.23
Third installment—	
Interest .....	.82
Principal	73.60
Fourth installment—	
Principal	73.60
Interest .....	.83
Fifth installment—	
Principal	39.90
Interest .....	.83
Over pay rebates	4.73
Del. tax, Co. treas.....	118.05
Second inst. re-assessed '07.	184.37
	<u>\$ 4,410.97</u>

DISBURSEMENTS.

So. Union Street Ex. Improvement.

For:	
Rebates	\$ 238.74
Note No. 1	2,398.43
Interest on note No. 1.....	119.92
Note No. 2	799.48
Interest on note No. 2	39.98
Interest on note No. 3.....	119.92
Interest on note No. 4	39.98
Interest on note No. 5.....	119.92
Interest on note No.6.....	39.98
Interest on note No. 7.....	119.92
Interest on note No. 8.....	39.98
	<u>\$ 4,076.25</u>

RECEIPTS.

Eighth Street Improvement.

For:	
First installment—	
Principal	\$ 4,262.10
Interest	3.33
Second installment	1,027.81
Third installment	1,011.81
Fourth installment	1,011.81
Fifth installment.....	950.66
Transfers	798.15
Loans	24,100.00
Dirt sold	16.10
First inst. re-assessed, 1907.	365.65
Over charge, rprs. equipment	13.50
Interest 2nd installment	1.15
Interest 3rd installment	1.15
Interest 4th installment	1.15
Interest 5th installment	1.15
	<u>\$33,566.52</u>

DISBURSEMENTS.

Eighth St. Imp. No. 1.

For:	
General labor	\$ 4,665.84
Finished curb	1,534.75

Catch basins, manholes, etc.,	641.26
Sand	142.75
Gravel	1,728.50
Stakes and lumber	82.78
Draying	33.60
Tools and Gen'l. supplies...	108.79
Unloading brick.....	663.70
Frt. on brick and demurrage	6,940.49
Brick (net).....	6,865.51
Asphalt filler	2,337.98
Sewer pipe	208.73
City engineer's expense	19.79
Freight on filler.....	216.88
Refunds	1,235.15
Cement	3,970.57
Repairs to mixer, tools	61.90
Fuel	71.23
Interest	327.77
Transfers	798.15

\$32,656.12

RECEIPTS.

Lateral No. 6 Dist. No. 1.

For:	
First installment	\$ 145.28
Transfer	18.47
	\$ 163.75

DISBURSEMENTS.

Lateral Sewer No. 6, Dist. No. 1.

For:	
Sewer pipe	\$ 25.11
Labor	7.25
Rebates	131.39
	\$ 163.75

RECEIPTS.

Washington St. Imp. No. 1.

For:	
First installment—	
Principal	\$3,200.58
Interest	9.20
Second installment	324.42
Third installment	324.42
Fourth installment	324.42
Fifth installment	324.42
Transfers	615.02
Loans	19,100.00
First installment, re-assess-	
ed, 1907	95.68
Interest, 2nd instalment...	1.38
Interest, 3rd installment...	1.38
Interest, 4th installment...	1.38
Interest, 5th installment...	1.38

\$24,323.68

DISBURSEMENTS.

Washington St. Paving No. 1.

For:	
Draying	\$ 10.85
Labor	986.47
Tools and supplies	47.43
Catch basins and manholes..	291.35

Curb and gutter—Sand.....	63.00
Gravel	133.50
Engineer's expense .....	.50
Labor, catch basin con.....	231.89
Stakes and lumber	26.04
Sewer pipe	103.07
Cement	752.56
Grading and foundation.....	9,600.00
Surface	10,585.20
Coal	3.20
Interest	350.64
Rebates	50.00
Transfers	615.02

\$23,836.72

RECEIPTS.

Lat. No. 4, Sewer Dist. No. 1.

For:	
First installment	\$ 556.88
Interest	2.26
Re-assessed, 1907	124.40

\$ 683.54

DISBURSEMENTS.

Lat. No. 4, Sewer Dist. No. 1.

For:	
Labor	\$ 376.14
Draying	8.85
Tools and supplies .....	.61
Manholes	29.50
Cement	6.72
Sewer pipe	268.68
Brick	12.00
	\$ 702.50

RECEIPTS.

Lat. Sewer No. 2, Dist. No. 8.

For:	
Transfers	\$ 1,220.96

DISBURSEMENTS.

Lat. Sewer No. 2, Dist. No. 8.

For:	
Draying ..	\$ 23.10
Sewer pipe	587.38
Transfers	610.48

\$ 1,220.96

RECEIPTS.

General City Tax.

For:	
Taxes, sum. a. ss. 1907....	\$41,777.24
Re-assessed, 1907	1,975.46

\$43,752.70

DISBURSEMENTS.

General City Tax.

For:	
Fire	\$ 6,514.78
Police	4,314.02
Printing	\$61.93
Salaries	8,584.28
Library	2,393.28

Light	5,556.59
Park	958.18
Water	4,983.43
General Street	7,665.48
Bridge	1,439.46
Cemetery	481.27

\$43,752.70

RECEIPTS.
Wharf.

For:	
Rent	\$ 50.00
Dockage	18.00

\$ 68.00

RECEIPTS.

State and County Tax Funds.

For:

State tax	\$14,326.42
County tax	16,505.11

\$30,831.53

DISBURSEMENTS.

State and County Tax Funds.

For:

State tax	\$14,326.41
County tax	16,505.11

\$30,831.52

STATEMENT OF RESOURCES.

Inventory.

City council	\$36,945.17
Water works	129,200.00
Bd. of Public Works.....	42,912.20
Bd. of Education	175,000.00
Bd. of Library Trustees....	40,000.00
Total	\$424,057.27

TAXES, ASSESSMENTS & OTHER
ITEMS FOR COLLECTION.

Improvement tax	\$54,032.85
Delinquent tax at county treasurer's office	
Water rates—Meter	\$ 28.33
Water rates—Schedule	37.25
Cemetery—Lots	156.15
Burials	143.00
Care of lots	448.75
Extra labor on lots.....	56.00
Repairs to walks	149.10
Interior and exterior walks ..	147.65
Items in question	4.00
Items dropped from water books	188.07
Delinquent personal tax....	1,456.41
Cement walks built in 1907 —not re-assessed	54.95
Taps, etc	15.00

Overdrawn Funds.

Trunk sewer No. 8.....	\$ 860.89
Lat. sewer No. 4, Dist. No. 1 ..	18.96

Cash Statement.

At First National Bank— City Depository	\$23,169.83
On hand with city treas....	353.58

Total cash \$23,523.41

STATEMENT OF LIABILITIES.

Bonds

Refunding	\$35,000.00
Water	88,667.00
School	20,000.00
Bridge	9,000.00

Notes—Permanent.

Abbott voting machine	\$ 1,450.00
Front and Union street Imp. ..	1,675.13
Cass and State Imp.....	2,276.92
Cass street Ex. Imp.....	1,143.41
So. Union street Ex. Imp....	9,593.73
Washington street Imp....	14,744.02
Eighth street Imp.....	19,345.62
Sixth street Imp	2,823.39
East Front street imp.....	4,617.44
East State street Imp.....	11,447.27
West Front street Imp.....	6,897.10

Notes—Temporary.

Cass & Union St. intertns..	\$ 3,825.01
Washington St. intersections ..	4,355.98
Eighth St. intersections....	4,754.38
Water	18,263.23

Credit Balances of Various Funds on
Deposit With the City Treas.

Contingent	\$ 35.12
Printing	84.58
Salaries	1,197.02
Interest and sinking	8,337.96
Light	1,032.37
Water	3,615.00
General sewer	361.86
Bridge	545.20
Cemetery	1,490.56
Park	196.84
General street	1,335.03
Street Dist. No. 1.....	155.92
Street Dist. No. 2.....	192.23
Street Dist. No. 3.....	606.24
Street Dist. No. 4.....	163.50
Cass street Ex. Imp.....	121.42
Sixth street Imp	373.39
Front and Union street Imp ..	42.56
Cass and State street Imp....	31.89
East Front street Imp.....	257.23
East State street Imp.....	2,069.64
West front street Imp.....	357.62
So. Union St. E. Imp.....	334.72
Washington street Imp.....	486.96
Eighth street Imp	910.40
Wharf	68.00

Total \$24,403.26

Insurance will expire on the various city properties between May 1, 1908, and September 1, 1909, on which the premiums will amount to, on the

Water works	\$ 275.00
City tool house and contents ..	69.50
Second ward nail	23.90
Voting machines	7.50

\$ 375.00

We have in our office during the past fiscal year, recorded 231 death and 211 birth certificates, complete records of which have been forwarded to the county clerk of this county and to the department of state.

During the same period of time we have issued and recorded 44 cemetery deeds and have issued 162 burial permits for burials in the city cemetery.

The various organized bodies of the city have held meetings during the past fiscal year as follows: City council, 42; board of education, 19; board of special assessors, 8; board of health, 16; board of public works, 33.

I respectfully call your attention to the fact that all the assessments for the paving of Sixth street have now been paid by the owners of abutting

property; there is a note now due for this account amounting to \$2,823.39 and interest and a credit balance in this fund of but \$373.39. Provision should be made at once for the payment of this note either from the contingent fund or by general tax.

In accordance with previous instructions from your honorable body, the mayor and clerk of this city have within the past thirty days advertised and sold bonds of the city amounting to \$32,011.34, this being made up of \$7,011.34 which was the cost of paving intersections on Cass St. and Union street improvements, and \$25,000 for water works extensions and for the cost of paving street intersections. These bonds were awarded to the Harris Trust and Savings Bank of Chicago, they to take the bonds at par and will bear $4\frac{1}{2}$ per cent interest.

In this connection permit me to state that the resolution bearing upon the \$25,000 bond issue here referred to mention that the money shall be used for water works extensions and the paving of street intersections and it has never been decided how much of this money shall be used for street intersections and how much for water works extensions. You will note in the statement of liabilities shown previously in this report that the city has a temporary note at the First National bank of this city amounting to \$18,263.23 which is for water works extensions and repairs made last year. The paving of intersections on Washington and Eighth streets the past year cost \$11,900.02. If this last amount is deducted from the \$25,000 it would leave \$13,099.98, that, after the money is received on the \$25,000

bonds in question, could be applied on the temporary water note due of \$18,263.23. Then also should Washington street be paved this year between Railroad avenue and Barlow street as contemplated, some provision will have to be made for the paying for the street intersections here and perhaps it would be your wish to have a portion of this bond issue used in this case. In any event I respectfully ask that this matter be given prompt attention by your honorable body or by the incoming council as we will have to be informed definitely in the premises before the bonds in question can be issued.

In conclusion, I respectfully call your attention to the matter of transfers or loans that have been made from the contingent fund to various other funds, which is shown by a foregoing statement in this report, now amount to \$17,466.91. This practice I firmly believe should be stopped at once, at least so far as street district funds are concerned, as it places the mayor, treasurer and clerk of the city in a very compromising position, when by direction of the city council they issue warrants and checks overdrawing accounts and in substantiation of which I quote Title 6, Section 7 of our charter bearing on this point: "No warrant shall be drawn upon any fund after the same has been exhausted." I believe that if it becomes necessary in the future to spend more money in a street district than is actually on hand, that a loan should be made direct from the bank and the expense of such loan charged to the district.

Respectfully submitted,

T. H. GILLIS,

City Clerk.

City Treasurer

Traverse City, Mich., April 20, 1908.
To the Hon. Mayor and Council of the
City of Traverse City, Michigan:
3224—Gentlemen—The following are
the balances of the different funds as
shown by the books of the treasurer
of the city of Traverse City at the
close of business April 20, 1908.

Contingent	\$ 35.12
General city—balanced	
General sewer	361.86
Police—balanced	
Cemetery	1,490.56
Interest and sinking	8,337.96
Library—Balanced.	
Park	196.84
Salaries	1,197.02
General street	1,335.03
Front and Union	42.56
Fire—balanced	
Printing	84.58
Light	1,032.37
Water	3,615.00
Bridge	545.20
State and Cass.....	31.89

Sixth street.....	373.39
Street dist. No. 1	155.92
Street dist. No. 2	192.23
Street dist. No. 3	606.24
Street dist. No. 4	163.50
Street dist. No. 5—Balanced	
East Front street	257.23
East State street.....	2,069.64
West Front street.....	357.62
South Union street ex.....	334.72
Eighth street imp	910.40
Washington street	486.96
Sewer dist. No. 1 lat. No. 6 bal.	
Cass street ex.....	121.42
Lat. sewer No. 2, dist. No. 8 bal	
Wharf	68.00
Trunk No. 8	\$ 860.89
Sewer dist. No. 1	
Lat. No. 4	18.96
Cash on hand and in depository....	\$23,523.41

Yours respectfully,

RALPH S. HASTINGS,

City Treasurer.

Fire Department

Annual Report of the Chief of the Fire Department.

Traverse City, Mich., April 30, 1908.
To the Honorable, the Mayor and City Council of the City of Traverse City, Michigan.

3228—Gentlemen—In accordance with law and usual custom I have the honor to herewith submit to you the annual report of the Traverse City Fire Department for the year ending April 30, 1908.

This report, in which will be found a record of the operations of the department for the past year, is my third report and the twelfth annual report of the department.

The alarms and losses by fire with the amount of insurance thereon together with such general information interest to your honorable body and the public.

DISBURSEMENTS.

Salaries of chief, assistant chief, and full paid men..	\$ 4,807.50
Vol. Hose Co. No. 2.....	187.00
Vol. Hose Co. No. 3.....	101.00
Vol. Hose Co. No. 4.....	75.50
Vol. Hose Co. No. 5.....	49.50
Extra	5.00
Hook and ladder company..	42.00
Heating	200.00
Light	29.37
Veterinary	11.85
Hay, oats, bedding, etc.....	562.56
Department expenses	196.62
Draying and extra teams....	42.50
Horseshoeing	57.15
Battery and chemical sup...	58.29
Barn rent	30.00
Firemen's convention	125.00
500 feet Red Cross hose....	450.00
New fire alarm indicator and gong	140.00
Repairs to equipment	103.72
New minor equipment.....	85.70
Water tax	11.40
Telephones	36.00
	<hr/>
	\$ 7,407.66

Property on Hand.
Cass street engine house and

lot	\$ 7,450.00
Horses, harness, blankets, etc	1,251.55
Two steam fire engines.....	8,000.00
One chemical engine	1,138.70
Hose, wagons, sleighs, ladders and minor equipment	2,904.67
Fire alarm system	4,170.25
6,000 feet of hose.....	4,330.00
New minor equipment.....	225.70

Total amount of property on hand May 1, 1908.....\$29,470.87

During the year the department responded to 79 alarms, traveled 138 miles to and from fires, worked 129 1/2 hours at fires, and laid 45,250 feet of hose, at which the total loss amounted to \$23,542.00, on which there was a total insurance of \$475,750.00. The insurance above the loss was \$452,208.

Cause of Fires.

Defective chimney, 18; defective furnaces, 3; carelessness with matches, 5; lightning, 1; gasoline explosion, 1; spontaneous combustion, 3; hot coals, 2; sparks from locomotive, 2; sparks from factories, 3; friction, 1; incendiarism, 5; burning rubbish, 3; unknown, 5; chimney fires, 26; false alarms, 1.

One new fire alarm box was put in commission during the year, that being a private box which I purchased for the W. E. Williams Company and put in service at their factory, that gave us box 16, which was located on the west end of Eighth street bridge, for another locality, which I put in service at the corner of Webster and Railroad avenue, a district very much in need of it.

In conclusion I tender my sincere thanks to the mayor and city council for their unqualified support given this department at all times.

I also wish to thank all citizens who lent us a helping hand in time of need.

Very respectfully,

THOMAS MURRAY,
Chief of Fire Dept.

Superintendent Water Works

To the Honorable Mayor and City Council:

3229—Gentlemen:—I submit herewith my report on the operation of the city water works for the fiscal year ending April 30, 1908:

DISBURSEMENTS.

Water—Office.

Superintendent	\$ 800.00
Stationery, printing and ex..	33.95
Insurance	125.00
Interest	4,102.17
Rebates	41.86

\$ 5,102.98

Pumping.

Engineers	\$ 1,535.00
Firemen and extra men....	1,530.60
Fuel	2,210.41
Oil, waste, packing, etc....	401.42
Lights	92.40
Phones	13.95
Miscellaneous	74.47

\$ 5,858.25

Maintenance.

Intake	
Pumps	\$ 5.50
Boilers	4.50
Auxilliary machinery	22.91
Buildings	24.93
Mains	134.42
Hydrants	324.59
Repairing and testing meters	84.95
Miscellaneous	165.22

\$ 767.02

Construction.

Intake	\$ 1,632.90
Mains	23,581.03
Valves	1,085.25
Hydrants	884.85
Taps	2,538.59
Meters	393.60
Tools, etc.	824.42
Stack	762.16
Transfers	1,855.18

\$33,557.98

Grand total\$45,286.23

RECEIPTS.

Schedule water rates.....	\$10,720.95
Meter rates	4,743.10
Taps	688.00
Extra labor	28.50
Installing meters	32.00
Pipe fittings, etc.	168.95

Loans	18,263.23
Transfers	1,855.18
Circus	12.00
Tax, 1907	4,983.43
G. A. R. encampment.....	12.00
Interest refunded	6.06
Catholic cemetery	23.00
Stack sold	1.00
Extra water to railroad....	21.75
Repairs to meters	2.75
Barn rent	3.00
Balance May 1, 1907	7,336.33

Total receipts\$48,901.23

Total disbursements\$45,286.23

Balance May 1, 1908.....\$ 3,615.00

The total receipts from water and from other items properly credited to the operation account amount to a total of \$15,573.05.

The total cost of operation and maintenance as given by the financial statement is:

Office expense	\$ 5,102.98
Pumping expense	5,858.25
Maintenance expense	767.02

\$11,728.25

Profit by operating.....\$ 3,844.80

These figures give the water works no credit for water furnished the city for public fountains, sprinkling streets and public parks, flushing the sewers, sprinkling the cemetery, for the use of the board of public works in building pavements and sidewalks; nor is any charge made for hydrant rental. A proper charge for these various items would not be less than \$12,000. On the other hand the disbursements include every item of expense for operation and maintenance, including interest on bonds and loans. Under the construction account is included the expense of every line of new work, including taps, new meters, stack, intake, new mains and transfers.

Statement of Pumping.

No. million gallons pumped.	611
Average gallons per day....	1,674,000
Largest day's pumping.....	3,272,000
Smallest day's pumping....	1,100,600
Largest month's pumping....	74,940,000
Smallest month's pumping..	40,126,000
Average water used per day,	
per capita, gallons	152

Cost of fuel per 1,000 gal..\$	.0036
Total cost of pumping per 1,-	
000 gallons .....	.0192
Total cost exclusive of int..	.0125
Average receipts per 1,000	
gallons .....	.0255

Statement of Construction Work

	Feet.
New intake and crib.....	500
New stack and foundation....	
New taps (ordered).....	138
New taps (account pavement)	31
New taps (transferred from	
old mains)	232
Meters set	28
New hydrants set	42
New valves set	32
Valve manholes built.....	13
4 inch iron main laid.....	1550
6 inch iron main laid.....	7250
8 inch iron main laid.....	2500
10 inch iron main laid.....	3400
12 inch iron main laid.....	1250
16 inch iron main laid.....	1600

Total of new mains laid.... 19550

The total cost of construction as given in the financial statement includes the cost of new tools and also the cost of considerable pipe and fittings carried on hand to make short extensions, provide for repairs and allow necessary changes in the distribution system as their necessity may appear.

A complete inventory of all such material and tools has been filed with the city clerk.

Physical Condition of System.

	Feet.
4 inch wood main.....	13800
4 inch iron main.....	8000
6 inch iron main.....	64100
8 inch iron main.....	7700
10 inch iron main.....	9200
12 inch iron main.....	5500
16 inch iron main.....	1600

Total length mains, 22 miles 116200

24 inch steel intake pipe.....	1700
16 inch iron intake pipe.....	500
Public fire hydrants.....	217
Street valves	147
Services in use	1543
Meters in use	284

The pumping plant consists of one set of Snow 5,000,000 pumps, one set of Walker 2,000,000 pumps, one Heine water tube boiler, one horizontal tubu-

lar boiler; together with all the necessary valves, piping, feed pump, gauges and necessary tools.

A statement of the value of the water works plant as it stands today is somewhat difficult to arrive at, as so much of the work done on the pumping plant and system of mains has been the replacing of old wood mains with new iron mains, taking out old valves and hydrants and setting new ones in their places, etc. However, I attach a statement of resources and liabilities:

Resources.

Pumping plant complete with	
intakes, pumps, boilers,	
buildings and grounds....	\$37,000.00
Other real estate.....	1,200.00
System of mains, including	
hydrants, valves, etc.....	110,000.00
275 meters owned by city...	2,500.00
Supplies on hand	3,000.00

153,700.00

Bonds outstanding

Loans at bank

\$106,930.23

There is also attached to this report a comparative statement of various items of operation of the water works for the past four years, since the Snow pumps were installed.

I think it advisable at this time to call your attention to the conditions existing at the pumping station.

We now have a large pump, entirely capable of taking care of the city's needs and furnishing adequate fire protection; but should anything happen to that pump in the future the old pump would be practically useless. A study of this and previous reports should convince you of the necessity of providing a reserve pumping unit, fit.

I wish also to call your attention to the fact that our water rules have been found obscure in places and they can be interpreted to work an injustice to either the city or the consumer. Some of the rules should be revised and additions made to the table of ratings.

Respectfully submitted,

W. R. CALDWELL,
Supt. of Water Works.

COMPARATIVE STATEMENT FOR A PERIOD OF YEARS.

	1904-5	1905-6	1906-7	1907-8
Total cost of plant and system to May 1st of current year	\$129,700.00	\$ 141,645.18	\$ 146,784.36	\$ 178,487.16
Expended for plant during year, including intakes	8,493.16	.....	1,053.80	2,395.06
Expended for mains, hydrants, valves, etc.	17,278.13	7,260.00	1,942.48	25,551.13
Expended for services, including transfers	1,678.37	3,729.12	1,636.74	2,538.59
Expended on new meters	435.69	956.06	506.16	393.60
Average cost of service main to curb (including transfers) .....	.....	9.00	.....	6.30
Length of mains in miles	19.75	21.00	21.25	22.00
Number of street valves	86	118	122	147
Number of public hydrants	200	200	206	217
Number of meters and registers in use	146	210	260	284
Number of services in use	1180	1340	1405	1543
Per cent of taps metered	12½	15½	18¾	18½
Total cost of pumping and maintenance (including interest)	11,124.74	11,860.22	10,458.56	11,728.25
Cost of pumping and maintenance per 1,000 gallons (including int.) ..	.0170	.0207	.0168	.0192
Total cost of pumping and maintenance (not including interest) ..	7,317.93	7,292.54	6,265.42	7,626.08
Cost of pumping and maintenance per 1,000 gal. (not including int.) ..	.0112	.0127	.0101	.0125
Fuel expense	1,976.00	1,444.53	1,490.48	2,210.41
Fuel expense, per 1,000 gallons pumped .....	.0030	.0025	.0024	.0033
Total receipts for water and items charged against pumping ex. ..	12,044.90	12,699.93	14,589.88	15,573.05
Average receipts per tap	10.20	9.48	10.38	10.09
Average receipts per tap (metered)	18.00	14.92	17.00	16.70
Average receipts per tap (unmetered)	9.11	8.47	8.87	8.60
Average receipts per 1,000 gallons pumped .....	.018	.022	.023	.025
Water pumped during year (in million gallons)	653	574	622	611
Average water pumped per day	1,788.800	1,575.100	1,704.100	1,674,000
Average water pumped per day per tap	1516	1175	1213	1085
Average water pumped per day, per capita	175	150	162	152
Estimated population reached by system	10,000	10,500	10,500	11,000
Largest month's pumping .....	.....	.....	74,590,400	74,940,000
Smallest month's pumping .....	.....	.....	37,835,000	40,126,000
Largest day's pumping	3,312,000	2,920,000	4,216,000	3,272,000
Smallest day's pumping	1,152,000	1,008,000	1,040,000	1,100,600
Total receipts for schedule water rates	\$ 9,418.18	9,566.48	10,156.25	10,777.70
Total receipts for meter rates	2,626.72	3,133.45	4,733.68	4,743.10

City Engineer

Traverse City, Mich., April 30, 1908.
To the Honorable, the Mayor and City Council:

3230—Gentlemen:—I submit herewith my report on bridges and culverts:

All bridges have been kept in good repair during the year and the Cass street bridge and both Union street bridges have been replanked and new stringers put in where needed.

The wooden culverts in the second ward have been kept in fair repair; but the Sixth street culvert, both Cedar street culverts and the walk at the Division street culvert and Wadsworth street culvert will soon need rebuilding. They are now in a dangerous condition.

The north wall on the Front street culvert, between Cedar and Division

streets, has sunk several inches west of the culvert and is leaning badly; and immediate steps must be taken to strengthen it if serious damage is to be avoided.

It will be necessary to rebuild at least three culverts in the second ward very soon or else close them against traffic, and I would recommend that the bridge committee look into this matter and if possible provide means to rebuild this year.

It will be economy to build all these culverts the same season if they are built of concrete, as one set of forms can be used on all.

Yours respectfully,

W. R. CALDWELL,

City Engineer.

Board of Public Works

Traverse City, Mich., April 27, 1908.
To the Honorable, the Mayor and City Council.

3231—Gentlemen—The annual financial statement of the city clerk will furnish you with a detailed statement of the disbursements in the various funds placed at our disposal for the public works of the city.

The following is a general outline of the work performed:

Eighth street from Division street to the bridge was paved with brick with asphalt filler on a concrete base. The width between curbs is 32 feet throughout. There were laid 15,410 sq. yards of pavement, 8,625 feet of combined curb and gutter, and 28 catch basins, with the necessary sewer connections. All this work was done by day labor.

Washington street from Cass street to Railroad avenue was paved with bitulithic on a concrete base, with between curbs being 30 feet throughout. The pavement was laid by contract, but the combination curb and gutter, catch basins and connections were built by day labor. This job included 9,612 sq. yards of pavement, 5,860 feet of curb and 15 catch basins with connections.

The work of building a dock line at the mouth of Boardman river was completed, making it navigable for the numerous launches owned in the city.

Lateral sewer No. 4, District No. 1, was built by day labor. The total length of same being about 1,100 feet.

Hannah Park has been filled out to the dock line and considerable also has been done on the city market site. Both of these places are now filled as far as the city owns and it will soon be necessary to find another place in which to dispose of brush and rubbish.

About four miles of concrete walk was built by the board of public works.

Considerable work has been done in improving and beautifying Oakwood cemetery, and the work of clearing the land lately purchased has begun in preparation for platting, fencing and getting same ready.

The other work assigned to this board, such as caring for the park sites, keeping streets clear of weeds,

repairing the gravel roads, street sprinkling, cleaning, etc., has been kept up as before under the able direction of the street commissioner.

The following is an inventory of the property in our charge:

Tool house and lot.....	\$ 1,200.00
Gravel pit	1,000.00
Third ward building and lot.....	3,000.00
Market site	15,000.00
Hannah Park	4,000.00
West Bay Shore Park.....	1,500.00
East Front street park.....	500.00
East Bay Park	1,000.00
First addition to cemetery..	500.00
Second addition to cemetery	1,500.00
Dumping grounds	400.00
Second ward building and lot	2,500.00
Dock property	3,000.00
1,400 cu. yds. crushed stone.	2,100.00
1 steam power concrete mix.	500.00
1 hand power concrete mix..	125.00
7 sprinklers	1,400.00
1 steam roller	3,000.00
1 horse roller	300.00
1 traction engine	1,200.00
1 street sweeper.....	125.00
1 street grader	125.00
1 wagon and tool box.....	50.00
1 stone crusher	400.00
1 truck wagon	30.00
1 dump wagon box.....	45.00
12 snow plows	70.00
1 trench pump and hose....	75.00
60 trench jacks	125.00
18 sidewalks and frames....	36.00
Paving brick	350.00
Sewer pipe	450.00
Maple lumber	160.00
Hemlock lumber	50.00
6 crow bars	6.00
54 shovels	16.20
7 street cleaner carts	56.00
9 picks	5.40
34 shovels	10.20
5 scoops	3.75
6 lanterns	2.40
7 hoes	4.20
4 rakes	1.40
1 lawn mower	3.00
100 ft hose	32.00
7 pavement scrapers	5.25
hand saws	3.00
1 8-tine fork	1.00
1 pike pole .....	.75
1 stone boat ..	3.00
1 snow scraper.....	4.00
1 scraper to remove comb on	

walk	4.00	1 leveling scraper	2.00
3 pair rubber boots.....	12.00	2 slush boxes	4.50
5 mattocks	1.50	200 ft. 1½ in. water pipe...	24.00
2 crosscut saws	2.50	1 leveling block	1.00
4 hammers	2.00	1 heavy hand tamp	2.00
14 wheelbarrows	21.00	2 cant hooks	1.50
1 cart for repairing walks ..	2.00	1 set leveling pins.....	1.00
1 sewer rod for open. sewers	1.50	1 hand level	1.00
4 trestles	3.00	1 pole axe .....	.50
1 trestle	3.00	1 stone chisels	1.50
6 trestles for barricades....	1.80	2 pair brick tongs.....	2.50
1 lever for lifting sheeting..	3.50	2 pinch bars	1.50
1 scraper	1.50	1 tarpaulin	5.00
1 scraper chain	4.50	5 slushing scrapers.....	2.50
2 catch basin covers.....	32.00	1 1-gallon oil can.....	.25
2 sets block and tackle.....	12.00	1 scow, 40x18	150.00
1 block and loading chain...	6.00	1 cement mixer	400.00
6 concrete tampers	3.00	1 curb snow plow	10.00
1 vise	4.00	1 pr. tongs for raising walks.	5.00
5 hand axes	3.00	1 farmer's handy wagon....	24.00
3 neck yokes	2.25	1 pr. 1-horse sleighs.....	20.00
1 pump and pipe.....	6.00	3,600 ft. garden hose.....	660.00
7 hoes	3.50	5 doz C. B. G. sprinklers....	8.75
5 sledges	3.75	5 iron garden rakes.....	3.75
1 adze .....	.75	3 wooden hay rakes.....	1.00
4 hydrant wrenches	1.00	1 pr. grass shears .....	.60
4 hydrant reducers	2.00	3 sickles	1.05
2 levels	1.50	2 snow shovels	1.00
2 hand screens	3.00	3 dirt shovels	2.25
8 pails	3.20	1 garden spade .....	.85
2 set sidewalk fin. tools.....	2.00	1 wrench	1.75
2 squares .....	.80	2 old lawn mowers.....	9.00
2 mixing platforms.....	4.00	3 large grave linings.....	4.50
1 mixing box	1.00	2 small grave linings	1.75
1,100 ft. ¾ inch water pipe..	44.00	4 set curb. for large graves..	65.52
5 pipe wrenches	6.50	3 set small curbing.....	9.00
5 monkey wrenches	4.00	2 wheelbarrows	3.50
1 brick trowel .....	.60	1 snow plow	5.25
1 hose repair outfit.....	.50	35 lawn seats in good shape	26.25
2 plows	15.00	9 lawn seats, broken.....	4.50
1 tar kettle	8.00		
1 tar dipper .....	.50		
3 tar pails	1.20		
2 tar funnels .....	.80		
1 wheel scraper	12.00		
1 slush scraper	2.00		

\$47,697.22

Respectfully submitted,

T. H. GILLIS,

Clerk Board of Public Works.

LIBRARY
OF THE
UNIVERSITY OF CALIFORNIA

FINANCIAL REPORT REPORT AT THE CLOSE OF BUSINESS—END OF FISCAL YEAR, APRIL 30, 1908.

FUNDS.	Bal. May 1, 1907 Dr.	Cr. Overdrawn	Tax Assessed 1907	Receipts Actual.	Receipts by Bank Loans	Receipts by Transfers From Contingent Fund.	Disburse- ments, Actual.	Disburse- ments to Bank for Loans.	Disburse- ments by Transfer	Owing to the Contingent Fund, April 30, 1908.	Bal. as shown by Books April 30, 1908 Dr.	Cr.	Credit bal Board of Education.
Contingent	\$	\$ 11,974.29		\$ 15,992.57	\$ 13,100.00	\$ 16,396.20	\$ 9,664.83	\$ 13,100.00	\$ 33,773.11		\$	\$ 35.12	
Printing	459.57		900.00	861.93		1,194.56	1,385.00		126.45	\$ 1,068.11			84.58
Fire	899.61		6,800.00	6,514.78		4,780.12	7,407.66		2,987.63	1,792.49			
Salaries	5,004.23		8,960.00	8,584.28		7,209.34	8,835.40		756.97	6,452.37		1,197.02	
Interest and Sinking		5,422.70	4,626.14	4,675.23			1,760.00					8,337.96	
Police		31.33	4,500.00	4,314.02		1,271.99	4,563.56		1,053.78	218.21			
Library	245.25		2,500.00	2,937.23		621.95	2,870.13		443.80	178.15			
Light		1,142.45	5,800.99	5,678.65		334.41	5,788.73					1,032.37	
Water		7,336.33	5,200.00	21,445.49	18,263.23	1,855.18	43,431.05		1,855.18			3,615.00	
General Sewer		1,563.02	0	351.32			1,552.48					361.86	
Bridge	1,329.82		1,500.00	1,448.21		2,134.85	1,465.03		243.01	1,891.84		545.20	
Cemetery		200.84	500.00	3,031.17			1,741.45					1,490.56	
Park	101.58		1,000.00	959.93		512.28	816.45		357.34	154.94		196.84	
General Street	3,133.26		8,000.00	17,237.42		9,892.46	18,277.18		4,384.41	5,508.05		1,335.03	
Street District No. 1		1,007.63	2,212.71	2,213.74			3,065.45					155.92	
Street District No. 2		339.47	2,034.89	2,010.79		899.86	1,479.09		899.86			192.23	
Street District No. 3		135.63	1,673.93	1,646.88		158.37	1,176.27		158.37			606.24	
Street District No. 4		72.33	1,006.00	970.25			879.08		163.27			163.50	
Street District No. 5	367.90		1,179.18	1,127.44		720.82	962.29		518.07	202.75			
School		6,830.62	33,626.01	15,023.20			48,049.12						\$ 9,142.25
State Tax			15,213.93	14,326.42			14,326.42						
County Tax			17,528.18	16,505.11			16,505.11						
Wharf				68.00								68.00	
Cass St. Extension Improvement		140.84		450.70			470.12					121.42	
Trunk Sewer No. 8	1,132.04			271.15							\$ 860.89		
Sixth St. Improvement		2,610.73		2,077.65			4,314.99					373.39	
Front and Union Sts. Improvement		1,825.07		144.56			1,927.07					42.56	
State and Cass Sts. Improvement		1,685.10		1,190.87			2,844.08					31.89	
East Front St. Improvement		625.51		915.80			1,284.08					257.23	
East State St. Improvement		278.68		4,667.43			2,876.47					2,069.64	
West Front St. Improvement		677.67		4,859.66			5,179.71					357.62	
South Union Street Ex. Improvement		1,665.11		2,745.86			4,076.25					334.72	
Washington St. Improvement				23,708.66		615.02	23,221.70		615.02			486.96	
Eighth St. Improvement				32,168.37		798.15	31,857.97		798.15			910.40	
Lateral Sewer No. 2, Dist. No. 8						1,220.96			1,220.96				
Lateral Sewer No. 6, Dist. No. 1				145.28			163.75						
Lateral Sewer No. 4, Dist. No. 1				683.54			702.50				18.96		
Over-run in assessment			18.70										
Totals			\$124,779.67	\$222,553.62			\$274,821.36		\$ 17,466.91	\$	\$ 23,523.41	\$ 24,403.26	\$ 9,142.25
Total cash on hand and city depository....											\$	\$ 24,403.26	\$ 24,403.26

Chief of Police

Department of Police of the
City of Traverse City, Mich.

Traverse City, Mich., April 27, 1908.
To the Hon. Mayor and City Council:
225—Gentlemen—Herewith is pre-
sented the annual report of the Trav-
erse City Police department. The fol-
lowing gives in detail the work ac-
complished by the members of the po-
lice department during the year end-
ing April 27, 1908.

Drunk and disorderly.....	34
Violations city ordinances	21
Larceny	22
Assault and battery	14
Obtaining money under false pre- tenses	2
Violation liquor law	1
Burglary	3
Vagrants	7
Destroying property	2

Abusive language	1
Begging	4
Pure food law	2
Lewdness	3
Gave lodging	32
Drunks in city lock-up to sober up	150
Women	16
Men	258
Indians	24
Wheels reported lost and stolen..	47
Wheels found and restored to owners	42
Children lost	17

The total number of arrests is 298.
To the board I tender my thanks
for the courtesies and assistance ex-
tended me during the year.

Respectfully submitted
C. W. ASHTON, Chief of Police.

Meat and Milk Inspector

To the Honorable, the Mayor and City Council of the City of Traverse City.

3226—Gentlemen:—Your Meat and Milk Inspector reports as follows for the year ending April 27, 1908:

There are forty-two dairies which have supplied milk for Traverse City the past year. This milk has been handled and distributed by eleven milkmen; seven of these milkmen have their own dairies, and the remaining four depend upon farmers for their supply.

In addition to this there are 25 families in the city who keep a cow for their own use and sell the surplus to their neighbors. Besides there must be fifty or more cows kept for the purpose where no milk is sold, and hence do not come under the Inspector's direct notice.

There has been a marked improvement in the producing and handling of milk during the past year. Having an inspector have stimulated the dairymen to better and more sanitary methods. They have heartily co-operated with the inspector in endeavoring to produce as pure milk as possible.

Dr. Whittaker, of the U. S. Government Dairy Department, attended the Dairymen's Institute last March, and inspected and scored twelve samples of milk furnished by our dealers. All of these averaged above 90 per cent, which he said was unusually high. He complimented the dairymen for the care they were taking with their dairies.

I have inspected each of these dairies once each month, and have tested the milk and cream twice each month. Have received and investigated 18 complaints, 16 of these were that the milk seemed to be below the standard, but a test of each showed them to be up to standard, except two samples of cream which were below the 18 per cent required. Subsequent tests, however, from the same source showed the cream to be all right. Two complaints for feeding brewer's malt—did not know it was against the law.

Have stopped the sale of milk of

one family in city on account of consumption in the home.

I would recommend that the inspector be required to inspect all cows and stables within the city, whether the owners sell milk or not, as many such places are not in a sanitary condition.

The meat supply of the city is handled by seventeen markets, which secure their supply of meat from the farmers in this section, and from Chicago when the local supply is insufficient.

The meat from Chicago is all inspected and stamped by government inspectors before shipping, and I believe that all local meats should be so treated before being placed on sale, especially that sold from house to house by string butchers.

Our regular dealers are careful to buy only healthy animals for slaughter, and cannot afford to sell any meat which is not perfectly wholesome; but a person who has no regular customers might not be so particular.

The use of cereals in sausage which was common a year ago, has been discontinued by all dealers. I do not believe there is anything but meat and seasoning in any kind of minced meats. Our markets have kept pace with our dairies and have made many improvements.

All except one have good facilities for handling and keeping meats in good condition. This one not so equipped, opened a market last winter, and is now preparing to have as good facilities as any.

There are five slaughtering houses, and these are kept in good condition. I believe that the work of this department has been a great help in eliminating disease as well as educating to better sanitary methods.

The apparatus for testing milk is as follows:

1 24-bottle Babcock Tester.....	\$25.00
3 doz. milk and cream bottles....	2.00
1 1/4 doz. 1/2 pt. sample milk bot..	1.75
2 doz. tags for same.....	.24
1 set milk testing graduate.....	1.90

1 com. heater and hot water can	2.50	11 new inspector blank reports	2.25
2 lactometers	2.50	9 old inspector blank reports....	0.00
2 Pipettes .....	.50	1 qt. copper measure, sealed....	.45
1 Westphal balance	15.75	1 pt. copper measure, sealed....	.40
1 cream	10.00	1 can for bottles.....	1.00
1 combined acid bottle.....	3.00		
1 acid bottle and acid.....	.75	Total	\$70.49
1 Farmington Wohl book on cream	1.00	Respectfully submitted,	
		C. R. DOCKERAY,	

Librarian's Report

3233—Numbers of volumes in library by departments:

Fiction, 2,134; juvenile fiction, 1,115; philosophy, 62; religion, 141; sociology, 171; philology, 34; natural science, 334; useful arts, 102; fine arts, 114; literature, 546; history, 618; travel, 211; biography, 298; general works, including bound magazines, 606; pamphlets, 1,333; government reports, 436; illustrated albums, 5; atlases, 167; total, 9,327.

Magazines subscribed for..... 45
Magazines donated 14

Total 59
Number of books issued by departments:

	Main Lib.	Oak Park Branch
Fiction	13687	2199
Juvenile fiction	9225	5916
Philosophy	30	4
Religion	205	5
Sociology	555	291
Philology	9	
Natural science ...	433	115
Useful arts	131	9

Fine arts	221	17
Literature	495	138
History ..	545	83
Travel	336	21
Biography	382	58
Bound magazines	942	193

Totals 27,194 9,049

Total number of books issued, 36,243; number of children at story hour main library, 3,134; Oak Park, 4,453. Total—7,587; average, 88.

Number books rebound 203
Number magazines rebound.... 84

Total 287
Number of books added..... 522
Number persons using reading rooms:

	Main Lib.	Oak Park
Men	2384	216
Women	1392	315
Children	7347	3238

11,123 3,769

Total number, 14,892; number of patrons enrolled, 2,154.

HELEN STOUT,
Librarian.

Library Trustees

To the Mayor and City Council of the City of Traverse City, Mich.

3234—Gentlemen:—We herewith submit to your honorable body a statement of the receipts and expenditures of the board of library trustees during the past year in connection with the city public library; also the librarian's annual report, as required by the provisions of the city charter

The past year has been a very satisfactory one so far as the patronage of the public library is concerned, both in the way of drawing books and in the use of the reading rooms, especially in the main library.

While the report shows that the Oak Park branch is greatly appreciated by the people living in that part of the city, they have not been able to make as much use of it as they would otherwise from the fact that it has been impossible to keep it open evenings because of not being able to keep the library room isolated from the rest of the building when the teachers and janitors are absent. This difficulty we are glad to announce will be remedied in the near future, as the board of education has decided to construct an entrance to the library room without being compelled to pass through the halls. We believe that the extra expense involved in establishing and keeping up this branch is fully justified by the patronage which it receives.

The attendance of the children at the story hour, both at the main building and at Oak Park during the past year shows no falling off in the interest. We consider it a very important feature in the library work. This work has mostly been done by Miss Stout, although Miss Wait and Miss Gillett have been studying up on the work and have made excellent progress, which has enabled them to take Miss Stout's place when she has been absent, and at other times when necessary, and do the work in a very satisfactory manner.

Owing to our limited means we have been unable to buy as many new books as was desirable. It requires considerable money to keep the books in repair and to replace those worn out. We have used for this purpose all told the sum of \$452.98.

The following is an estimate of the

value of the library property owned by the city April 30, 1908:

Library building, including grounds and furniture....	\$30,000.00
Furniture, Oak Park branch	200.00
Books in main and branch buildings	10.00.00
	<hr/> \$40,200.00

We shall submit to your honorable body at an early date an estimate of the amount of money that will be required to run the public library, and the purpose for which the same will be used, during the coming year.

Respectfully submitted,

E. L. SPRAGUE, MRS. E. B. MINOR.

Traverse City, Mich., April 27, 1908.

To the Honorable, the Mayor and City Council of the City of Traverse City, Michigan.

Gentlemen:—We herewith submit for your consideration the financial statement of the City Public Library for the year ending April 30, 1908:

RECEIPTS.

Transferred, borrowed from the contingent fund.....	\$ 621.95
Received, fines, Recorder's court	195.75
Received from Co. Treasurer fines	348.20
Received from 1907 tax, summer assessment	2,393.28
	<hr/>

Actual cash received.....\$ 2,937.23

DISBURSEMENTS.

For:

Overdrawn balance, May 1, 1907	\$ 245.25
Lights	156.82
Water	19.00
Repairs to roof of bldg....	37.81
Books and rprs. to books...	452.98
Magazines and subscriptions to magazines	176.50
Printing and stationery....	26.50
Librarian salary	421.20
Asst. Librarian salary.....	329.50
Janitor salary	415.00
Librarian, Oak Park, salary.	295.00
Miscellaneous supplies	42.83
Fuel	244.49
Insurance	252.50
Transferred, paid con. fund.	443.80
	<hr/>

\$ 3,559.18

Actual disbursements 2,870.13

Now due contingent fund... 178.15

E. L. SPRAGUE, MRS. E. B. MINOR.

Judge of the Recorders Court

Traverse City, Mich., April 27, 1908.
To the Honorable, the Mayor and City

Council of the City of Traverse City.
3232—Gentlemen:—The following is a report of the number of cases prosecuted before me for violation of city ordinances and violation of the state law, stating the different fines and the amount collected for fines and costs and distribution of the same for the year commencing May 6, 1907, and ending April 27, 1908. Total number of cases prosecuted one hundred fourteen, as follows:

Offenses and Number of Each.

Larceny, 19; assault and battery, 11; carrying concealed weapons, 1; failure to pay for board and lodging, 1; threatening to do great bodily harm, 1; exceeding the speed limit with automobile, 1; arson, 1; violation of pure food law, 2; hiring livery horse

without paying for same, 1; swearing in presence of a woman, 1; receiving stolen goods knowing the same to have been stolen, 2; obtaining goods under false pretences, 4; desertion of wife and children, 1; lewd and lascivious cohabitation, 2; disorderly conduct, 2; fast driving, 2; saloon opened on Sunday, 1; shooting within the city limits, 2; using indecent and immoral language, 1; vagrancy, 6; drunk and disorderly, 32; bicycle ordinance, 20.

Amount collected for violation of city ordinances...	\$ 259.15
Amount paid to city treas..	259.15
Amount collected for violation of state law.....	165.75
Amount paid to Co. treas...	165.75

Respectfully submitted,

AMIL F. NERLINGER,

Judge of the Recorder's Court.

Health Officer

Traverse City, Mich., April 27, 1908.
To the Honorable the Mayor and City Council:

3235—Gentlemen—I submit herewith my annual report as health officer of the city of Traverse City.

Number of deaths in the city..	221
Number deaths in Asylum.....	85
Number deaths from tuberculosis	32
Number births in city	211
Number males	115
Number females	96
Number contagious diseases.....	313
Measles	184
Diphtheria	26
Typhoid fever	24
Small pox	16

Pneumonia	15
Scarlet fever	13
Tuberculosis	13
Chicken pox	12
Whooping cough	10
Mumps	1
Complaints made in city	212
Investigations	194
Letters written	64
SCHOOLS—	
Children examined	40
Excluded for various skin diseases	22

Respectfully,

DR. G. ARTHUR HOLLIDAY,
Health Officer.

City Weighmaster

3223—Report of city weighmaster for year ending April 20, 1900.

5964 loads potatoes; 1055 loads hay; 344 loads coal; 259 loads coke; 220 loads iron, 65 loads oats; 99 loads corn; 67 loads straw; 163 loads stone; 31 loads ice; 8 loads furniture; 12 loads wheat; 5 loads wool; 27 loads beans;; 247 loads apples; 42 loads

carrots; 13 loads chickens; 2 loads meats. Our markets have kept pace turkeys; 3 loads tanbark; 2 loads hides; 1 load jelly; 1766 head live stock. Total 9641 loads. Total collected, \$951.35.

Respectfully,

F. A. Winnie, City Weighmaster.

City Scavenger

Traverse City Mich., April 24. 1908.
3236—

W. G. Struble, the city scavenger reports from April 27, 1907 to April 24, 1908.

Cleaned out 251 water closets; six cess pools; drew out 44 horses and

buried; drew out one goat; drew out one hog; drew out 32 dead dogs; killed and drew out 54 dogs; drew out one calf; drew out 4 cows.

W. G. STRUBLE,

City Scavenger.

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1/69

ANNUAL REPORTS OF THE CITY
OF TRAVERSE CITY, MICHIGAN
1908 - 1909

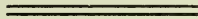
LIBRARY
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UNIVERSITY OF MICHIGAN
1812-1817

Annual Reports

—OF THE—

City of Traverse City

Michigan



Fiscal year beginning May 1st, 1908 to April

30th, 1909.

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Annual Reports of the CITY OF TRAVERSE CITY

ANNUAL REPORT OF THE CITY CLERK.

Traverse City, Mich., April 26, 1909.
To the Mayor and City Council, Trav-
erse City, Mich.:

Gentlemen: I present herewith
my annual report as city clerk of
Traverse City for the fiscal year be-
ginning May 1, 1908, and ending April
26, 1909:

Statement of Receipts Into and Dis- bursements From the Va-

rious Funds.

RECEIPTS.

Contingent.

For:

Balance May 1, 1908.....\$	35.12
Transfers	2,652.64
Interest on deposits	918.88
Summer tax fees—1908.....	279.71
Delinquent taxes, county....	2,435.33
County tax sales	180.05
Overrun, tax rolls	95.70
Winter tax fees—1908	158.88
Rejected Tax. 1906—	
General city	14.19
Fees	1.35
Rebate, S. Union St. paving	5.90
Refund Grand Traverse Co.	
pest house	48.05
Refund Grand Traverse Co.,	
ambulance livery	20.50
Court costs, judge of record-	
ers' court	107.50
Labor on Boardman Avenue	
school grounds	62.49
Cleaning closets	11.05
Licenses:—	
Hack	42.00
Driver	24.00
Movers of buildings	20.00
Moving picture shows ..	75.00
Liquor—City, retail	4,600.00
Liquor—City, wholesale ..	100.00
Liquor—County	5,774.17
Drays	191.00
Plumbers	35.00
Pool and billiard	20.00
Bowling alley	10.00
Pawnbrokers	100.00
Shooting gallery	2.00
Boat	1.00
Hawkers and peddlers ..	56.00
Show and circus	121.00
Transient photographers..	4.00

Opera house	50.00
Refreshment stand	68.00
Cane rack, wheel of for-	
tune	27.00
Meat peddlers	5.00
Auto bus	14.00

\$18,366.52

DISBURSEMENTS.

Contingent.

For:

Transfers	\$ 2,519.42
Freight, cartage and express	16.29
Printing, stationery, etc....	274.69
Laundry	2.01
Janitor work	51.65
Telegrams	19.57
Postage	247.21
Supplies—	
Clerk and treasurer	92.76
Weighmaster	25.00
Justices	78.75
Office supplies, furniture,	
etc.	56.51
Telephone and toll	35.57
Flowers, livery, etc.....	11.50
Office and council room rent	1,000.00
Rent of office room, No. 155	
East Front street	30.00
Rent of Fifth ward hall....	25.00
Ward buildings	26.65
Typewriting for city attorney	25.65
Meat and milk inspector....	41.00
Health officer—	
Disinfecting	192.00
Supplies	29.02
Supervisors' services—	
Board of health	105.75
Special assessors	74.00
Making annual assessment	
rolls	860.00
Board of review	10.00
Making special assessment	
rolls	28.00
Elections—	
Primary, March 24, 1908..	8.31
Charter, April 6th, 1908...	9.82
Special election, June 17th,	
1908	44.80
Primary, Sept. 1, 1908....	178.07
Election, Nov. 3rd, 1908...	339.02
Registration, March 15th	
and 17th, 1909	138.65
Primary, March 23rd, 1909	203.24
Charter, April 4th, 1909...	263.27

Enrollment, Aug. 29th, 1908	63.50	Bridge	1,018.62
Clerk hire	400.06	Cemetery	430.96
Electric wiring	1.62	Salaries	5,641.57
Dock line	81.87		<u>\$39,177.62</u>
Bath houses	132.29		
Services of E. L. Sprague, library	150.00		
Care quarantine cases pest house	45.40		
Ambulance, livery and ex- pense	122.90		
Refund drivers' license, fis- cal year 1908	24.00		
Refund county, overpay pest house	2.65		
Real estate taxes paid	37.30		
Cement sidewalk taxes paid	100.16		
Uncollectable personal taxes paid	323.34		
Taxes, dump grounds	5.58		
In lieu of taxes	8,000.00		
Rebate personal tax	2.12		
Paid county, erroneous as- sessments	9.35		
Appropriations	588.74		
Subscriptions to magazines.	15.50		
Dues, League of M. M.	15.00		
Filling cesspool east of Boardman river	32.89		
Opening Fern street	155.00		
Survey Second ward sewer	19.00		
Boardman Ave. school lot..	62.43		
Labor, etc., city scavenger..	11.05		
Material, labor, etc., notice boards	2.40		
Correcting abstracts, filing papers, etc.	6.40		
Property purchased	352.00		
Notes, Abbott voting ma- chines	358.00		
Insurance, Abbott voting ma- chines	7.50		
	<u>\$18,261.14</u>		
RECEIPTS.			
General City Tax.			
For:			
1908 tax	\$37,484.15		
1908 tax re-assessed	1,693.47		
	<u>\$39,177.62</u>		
DISBURSEMENTS.			
General City Tax.			
For:			
Fire	\$ 4,897.20		
Police	4,740.40		
Library	2,820.79		
Park	3,016.66		
Printing	901.09		
Water	4,035.30		
General street	5,171.45		
Light	6,503.49		

Bridge	1,018.62
Cemetery	430.96
Salaries	5,641.57

RECEIPTS.

For:	
Balance May 1, 1908	\$ 84.58
Transfers	653.00
1908 tax, summer assessment	901.09
	<u>\$ 1,638.67</u>

DISBURSEMENTS.**Printing.**

For:	
Council proceedings	\$ 548.70
Board of education proceed- ings	115.45
Ordinances	7.50
Notices—	
Sand, gravel and cement..	8.10
Bank b.ds .....	.60
Bond	6.90
Pound master .....	.30
Board of review	12.30
Health officer .....	.90
Chief of police	3.60
Board of education	5.60
Special election	102.30
Water	5.70
Sewer	98.60
Paving	81.75
General tax	70.05
Election	231.65
Miscellaneous notices, etc.	6.90
Printing Pamphlets—	
Council	97.65
Board of education	18.60
Registration	57.30
Transfers	208.47
Bound Proceedings—	
Council	20.00
Board of education	14.25
Annual reports	7.50
	<u>\$ 1,728.67</u>

RECEIPTS.**Fire.**

For:	
Transfers	\$ 1,376.73
Appropriation from contin- gent in lieu of taxes	3,000.00
Hose sold	150.00
1908 tax, summer assessment	4,897.20
	<u>\$ 9,423.93</u>

DISBURSEMENTS.**Fire Fund.**

For:	
Light	\$ 46.40
Regular	4,829.87
Special	26.00

Hose Co. No. 1.....	58.00
Hose Co. No. 2.....	173.50
Hose Co. No. 3.....	41.50
Hose Co. No. 4.....	60.50
Hose Co. No. 5.....	29.00
Hook & Ladder Co.....	28.50
Telephone	36.00
Hay, oats, bedding, etc.....	532.71
Department expense.....	332.39
New equipment and repairs	623.43
Veterinary and medicine...	53.25
Horseshoeing	87.55
Draying and extra teams...	28.09
Heating	200.00
Expense—Firemen's conven- tion	125.00
Barn rent	22.50
Battery supplies	36.21
Chemicals	6.85
Water	11.40
Transfers	1,376.73

\$ 8,765.38

RECEIPTS.

Salaries.

Balance May 1, 1908	\$ 1,197.02
Judge of Recorder's court salary—county share.....	200.00
1908 tax, summer assessment	5,641.57
Appropriation from contin- gent in lieu of taxes.....	2,000.00

\$ 9,038.59

DISBURSEMENTS.

Salaries.

T. H. Gillis, clerk	\$ 1,800.00
R. S. Hastings, treasurer...	1,200.00
W. R. Caldwell, engineer...	1,200.00
G. A. Holliday, health officer	300.00
F. H. Pratt, city attorney..	300.00
A. F. Nerlinger, judge of Re- corder's court	400.00
F. A. Scott, meat and milk inspector	360.00
W. D. C. Germaine, mayor...	300.00
Aldermen—	
M. Winnie	200.00
J. H. Lamson	200.00
A. W. Rickard	200.00
F. R. Goodrich	200.00
W. H. Abbott	200.00
F. E. Lahym	195.00
Jas. Murchie	200.00
L. F. Perkett	200.00
W. E. Moon	200.00
J. M. McCormick	190.00
Board of Public Works—	
A. W. Wait	149.94
Thos. Shane	200.00
J. H. McGough	200.00

\$ 8,394.94

RECEIPTS.

Interest and Sinking.

For:

Balance May 1, 1908	\$ 8,337.96
Delinquent tax, county treas- urer	174.17
1908 tax	4,285.33
County tax sales	10.66
1908 tax, re-assessed	193.68
1906 rejected tax	1.46

\$13,003.26

DISBURSEMENTS.

Interest and Sinking.

For:

Refunding bonds	\$ 1,400.00
Bridge bonds	495.00
Intersection bonds	450.44

\$ 2,345.44

RECEIPTS.

Police.

Transfers	\$ 406.07
1908 tax, summer assessment	4,740.49

\$ 5,146.56

DISBURSEMENTS.

Police.

Regular men	\$ 4,165.68
Special	179.00
Light	5.20
Telephone and toll	41.35
Horseshoeing	15.35
Department expense	56.01
Livery and dray	9.50
Expenses state convention..	25.00
Lodging and meals	10.55
Badges	18.00
Subscription to papers.....	1.00
Repairs to coop, painting shed, etc	4.50
Expense Labonte body	4.61
Gloves	1.40
Keep of chief's horse, feed, etc	108.71
Transfers	406.07

\$ 5,051.93

RECEIPTS.

Library.

For:

Transfers	\$ 201.54
Judge of Recorder's court, fines	173.25
Library fines	77.00
Furniture sold	19.00
1908 tax, summer assessment	2,820.79
Rebate, overpay	15.00

\$ 3,306.58

DISBURSEMENTS.

Library.

For:	
Librarian	\$ 412.75
Assistant librarian	408.15
Janitor	420.00
Librarian, Oak Park	311.05
Light	187.84
Laundry	10.00
Freight, cartage and express	13.22
Telephone	4.86
Miscellaneous supplies	78.53
Water	19.50
Books	538.57
Magazine subscriptions	117.55
Binding magazines	222.08
Proceedings book	13.50
Music	3.00
Lawn and Plants	10.90
Repairs to building	71.02
Expense state library convention	4.76
Fuel, coke	372.46
Substitute work	31.85
Transfers	201.54
	<hr/>
	\$ 3,453.15

RECEIPTS.

Light.

For:	
Balance May 1, 1908	\$ 1,632.37
Lights out	38.17
1908 tax, summer assessment	6,503.49
	<hr/>
	\$ 7,574.03

DISBURSEMENTS.

Light.

For:	
City offices	\$ 57.85
Streets	6,063.33
Alleys	180.00
Third Ward hall	6.00
Lamps	6.25
	<hr/>
	\$ 6,313.43

RECEIPTS.

Water.

For:	
Balance May 1, 1908	\$ 3,615.00
Schedule rates	11,410.37
Meter rates	4,937.87
Taps	529.00
Building purposes	25.00
Installing meters	57.00
Repairs to meters	1.50
Pipe, repairs to pipe in cemetery	124.71
Bonds sold	47,761.78
Barrels	1.30
Circus use	18.00
Catholic cemetery	26.00
Refund, overcharge	9.56

1908 tax, summer assessment	4,035.30
Pipe sold	25.89

\$72,578.28

DISBURSEMENTS.

Water Fund.

For:	
Office:—	
Superintendent	\$ 800.00
Clerk	1.50
Stationery and printing ..	57.00
Insurance	258.00
Interest	4,852.76
Rebates	77.27
Pumping—	
Engineers	1,606.00
Firemen and extra men...	1,543.09
Fuel	1,859.64
Oil, waste, packing	282.42
Light	89.40
Phone	12.00
Miscellaneous	47.32
Maintenance—	
Intake	
Pumps	
Boilers	102.53
Auxiliary machinery	19.75
Buildings	84.52
Mains	137.76
Hydrants	336.55
Repairing and testing meters	106.09
Miscellaneous	45.30
Construction—	
Mains	\$11,902.61
Valves	87.65
Hydrants	240.80
Taps	1,305.40
Meters	513.34
Tools, etc	99.89
Stack	
Payment on note	15,263.23
New pumps	19.95
New building	351.33
	<hr/>
	\$42,103.02

RECEIPTS.

General Sewer.

For:	
Balance May 1, 1908	\$ 361.86
Delinquent tax, county treasurer—	
Lateral No. 6	44.53
Lateral No. 5	32.31
Trunk No. 6	4.50
Lateral No. 1, Dist. No. 8..	19.40
Lateral No. 4, Dist. No. 1..	85.80
Lateral No. 1, Dist. No. 1..	45.89
Trunk No. 8	41.30
1906 rejected tax, trunk sewer No. 8.....	1.55
County tax sales	92.23

Refund	5.74
Transfers, sewer pipe	643.08

\$ 1,378.10

DISBURSEMENTS. General Sewer.

For:	
General repairing	\$ 162.54
Tools and equipment	10.67
Manhole rings and covers..	16.50
Hose	78.75
Dray	6.50
Flushing sewers	10.14
Payment on lateral sewer No. 2, district No. 8.....	5.74
Transfers	807.64
Payment lateral No. 1, dis- trict No. 7	7.16

\$ 1,105.64

RECEIPTS. Bridge.

For:	
Balance May 1, 1908	\$ 545.20
Steel sold	18.24
Bonds sold	6,000.00
Accrued interest on bonds...	49.25
1908 tax, summer assessment	1,018.62

\$ 7,631.31

DISBURSEMENTS. Bridge.

For:	
Repairs—	
Eighth street bridge	\$ 4.09
Park street bridge	32.53
Sixth street bridge .....	.87
S. Union street bridge....	6.44
N. Union street bridge ...	3.48
Cass street bridge	10.38
W. Front street bridge ...	33.85
Wadsworth street bridge..	5.25
Newaygo street bridge ...	.87
Culverts—	
Labor	1,723.82
Lumber	316.97
Tools, supplies, etc.....	84.70
Gravel	491.25
Steel	246.05
Pipe	168.85
Cement	852.35
Cement forms	34.00
Freight and cartage	51.73
Filling to Wadsworth St. culvert	92.20
Filling to culverts	646.28
Snowing bridges	18.17
Labor at building caused by fill	46.26
Cleaning bridges	7.31

\$ 4,877.61

RECEIPTS. Cemetery.

For:

Balance May 1, 1908	\$ 1,490.56
Lots, fiscal year	615.00
Lots, delinquent May 1, 1906	15.00
Burials, fiscal year	582.00
Burials, delinquent May 1, 1906	3.00
Removals, fiscal year	45.00
Care of lots, fiscal year	576.25
Care of lots, 1906; delinquent May 17, 1907	9.50
Care of lots, delinquent May 7, 1906	
Extra labor on lots delin- quent May 1, 1907	
Grading and sodding lots, graves, etc.....	618.35
Sand	2.50
Labor on foundations and markers	12.25
Vault services	1.00
Putting up tents	26.25
1908 tax, summer assessment	430.96
Care of lots, 1909	17.50
Extra labor on lots	1.00

\$ 4,446.12

DISBURSEMENTS. Cemetery

For:

Insurance	\$ 3.25
General labor	443.51
Care of flower beds	85.20
Care of lots	193.21
Labor, second addition	364.37
Sexton	600.00
Horse hire	136.80
Soil	85.75
Hauling soil	124.00
Sod	91.00
Flowers	16.00
Pipe and repairs to pipe....	105.65
Tools, supplies and repairs..	38.78
Trees	25.25
Seed	2.00
Water	9.25
Telephone	12.00
Wire fence gates, etc.	769.35
Lot deeded back to city....	20.50
Rebate	32.00
Cedar posts	50.28
Appropriation Ladies Ceme- tery association	50.00
Papering sexton's house	4.35

\$ 3,262.50

RECEIPTS. Park.

For:

Balance May 1, 1908	\$ 196.84
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1908 tax, summer assessment	3,016.66
	<hr/>
	\$ 3,213.50

DISBURSEMENTS.**Park.**

For:

Hannah Park—	
Caretaker	\$ 104.94
Labor and filling	87.74
Trees and labor	56.00
Cutting grass	3.50
Lake Avenue—	
Caring for	55.65
Flowers, etc.....	23.75
Repairs to hydrant	5.30
Corner Tenth and Union Sts	10.35
Bayside park	1,620.02
Printing bonds	27.50
	<hr/>
	\$ 1,994.75

RECEIPTS.**General Street.**

For:

Balance May 1, 1908	\$ 1,335.03
Market receipts	554.20
Dog licenses	275.00
Street cleanings sold	4.25
Gravel sold	3.70
Cement walks built 1908....	4,222.58
Cement walks re-assessed	
1908	1,980.90
Cement walks, 1908 fees....	40.57
County tax sales, cement	
walks	16.50
Delinquent tax, county treasurer—	
Cement walks	562.40
General street	82.95
County tax sales	41.87
1908 tax, summer assessment	5,171.45
In lieu of taxes	3,000.00
Cass & Union Sts. intersec-	
tion bonds	3,825.01
Accrued interest on bonds	
sold	34.45
Paving brick sold	3.85
	<hr/>
	\$21,154.71

DISBURSEMENTS.**General Street.**

For:

Street commissioner	\$ 1,248.00
Weighmaster	660.00
Light, city market	9.10
Market site, caring for, fill-	
ing, etc.....	398.47
Market site sewer	35.27
Supplies, weighmaster	8.97
Scales, city market	16.26
Wood, city market	18.90
Phone, city market	13.50
Cement Walks—	
Labor	3,885.66

Gravel	1,532.00
Sand	330.15
Lumber, etc.	43.99
Tearing up and filling	1,561.99
Dray	29.75
Cement	4,054.13
Tools and supplies	47.24
Water	58.00
Private and city cement	
walks	317.52
Draying	16.40
Repairing walks	153.67
Nails	6.24
Tools, equipment and repairs	962.29
General repair, etc.....	19.61
Dog tags	21.75
Killing and burying dogs....	51.00
Sand	16.59
Express	4.90
Dock line Cass St.	10.38
Filling to Wadsworth St....	2.85
Labor on catch basins	137.81
Material on catch basins...	210.07
Drinking fountains	17.92
Hauling stone from dock ...	25.86
Hauling leaves	4.37
Lime stone	111.60
Insurance, warehouse and	
contents	69.50
Printing	1.75
Paving—	
Note	3,825.01
Interest	341.10
West Front St.....	30.90
Cor. Union and Tenth Sts.	76.62
	<hr/>
	\$20,386.92

RECEIPTS.**Street District No. 1.**

For:

Balance May 1, 1908	\$ 155.92
Delinquent tax, county treas-	
urer	30.81
1908 tax	4,181.63
1908 tax, re-assessed	114.79
County tax sales .....	.80
Transfers	197.62
	<hr/>
	\$ 4,681.57

DISBURSEMENTS.**Street District No. 1.**

For:

Labor, cleaning pavement..	\$ 1,159.68
Hauling dirt from pavement.	152.92
General repair	555.36
Sprinkling	824.40
Cleaning cross walks	18.27
Cleaning catch basins	27.48
Cutting weeds and grass ...	20.10
Gravel	5.30
Picking up stone	8.37
Hauling leaves	8.22

Shoveling snow	78.67
Snow plowing	66.80
Gutter plowing	9.67
Leveling snow	39.32
Sanding walks .....	.96
Hauling snow	4.20
Flushing streets	1.74
Transfers	197.62
	<hr/>
	\$ 3,179.07

RECEIPTS.

Street District No. 2.

For:	
Balance May 1, 1908	\$ 192.23
Delinquent tax, county treasurer	69.31
1908 tax	1,936.42
County tax sales	1.08
1908 tax, re-assessed	78.33
1906 rejected tax .....	.96
	<hr/>
	\$ 2,278.38

DISBURSEMENTS.
Street District No. 2.

For:	
Labor, cleaning pavement...\$	178.34
Hauling dirt from pavement	21.63
General repair	967.91
Sprinkling	554.00
Cleaning cross walks	14.66
Cleaning catch basins	5.24
Labor, road grader	7.20
General cleaning .....	.87
Cutting weeds	19.77
Gravel	47.95
Picking up stone	24.49
Repairs Wayne & Front Sts.	20.40
Shoveling snow	66.70
Snow plowing	148.74
Hauling snow	1.40
	<hr/>
	\$ 2,079.30

RECEIPTS.

Street District No. 3.

For:	
Balance May 1, 1908	\$ 606.24
Delinquent tax, county treasurer	76.21
1908 tax	1,555.43
1908 tax, re-assessed	86.08
County tax sales	6.11
	<hr/>
	\$ 2,330.07

DISBURSEMENTS.
Street District No. 3.

For:	
Labor, cleaning pavement...\$	460.86
Hauling dirt from pavement	116.80
General repair	468.70
Sprinkling	323.80
Cleaning cross walks	8.29
Cleaning catch basins	9.24

Sand	4.05
Sanding pavement	23.71
Labor, road grader	2.40
Cutting weeds	8.37
Graveling Fifteenth street..	49.85
Picking up stone	20.95
Graveling Pine street.....	59.40
Graveling Thirteenth street.	31.00
Hauling leaves	3.49
Shoveling snow	58.33
Snow plowing	121.81
Gutter plowing .....	.87
Leveling snow	4.08
	<hr/>
	\$ 1,776.00

RECEIPTS.

Street District No. 4.

For:	
Balance May 1, 1908	\$ 163.50
Delinquent tax, county treasurer	32.75
1908 tax	924.64
1908 tax, re-assessed	58.98
County tax sales .....	.83
	<hr/>
	\$ 1,180.70

DISBURSEMENTS.
Street District No. 4.

For:	
Labor, cleaning pavement...\$	293.81
Hauling dirt from pavement	45.46
General repair	562.08
Sprinkling	296.60
Cleaning cross walks	3.30
Cleaning catch basins	7.16
Sand	2.55
Sanding pavement	18.64
Labor, road grader	2.40
Cutting weeds	5.24
Picking up stone	9.50
Hauling leaves	2.87
Shoveling snow	27.53
Snow plowing	55.80
Gutter plowing	1.56
Leveling snow	4.55
	<hr/>
	\$ 1,139.05

RECEIPTS.

Street District No. 5.

Transfers	\$ 59.46
Delinquent tax, county treasurer	102.10
1908 tax	1,228.55
1908 tax, re-assessed	149.88
County tax sales	2.38
1906 rejected tax collected..	1.95
	<hr/>
	\$ 1,544.32

DISBURSEMENTS.
Street District No. 5.

Labor, cleaning pavement...\$	42.66
General repair	350.69

Sprinkling	278.40
Cleaning cross walks	3.50
General cleaning of streets..	7.49
Labor, road grader	8.00
Cutting weeds	8.74
Gravel	28.50
Picking up stone	19.23
Ashes	1.35
Shoveling snow	37.68
Snow plowing	150.02
Gutter plowing	1.44
Transfers	262.21

\$ 1,199.91

RECEIPTS.

Wharf.

For:	
Balance May 1, 1908.....	\$ 68.00

RECEIPTS.

Cass Street Extension Imp.

For:	
Balance May 1, 1908	\$ 121.42
Bonds sold	673.27
Third installment	
Principal	339.43
Interest	50.90

\$ 1,185.02

DISBURSEMENTS.

Cass Street Extension Imp.

For:	
Note	\$ 381.14
Interest	57.59
Rebates	10.64
Over Cr. on bond issue	691.90

\$ 1,141.27

(Continued From Page Six.)

RECEIPTS.

Trunk Sewer District No. 8.

For:	
Delinquent tax, county treasurer	\$ 90.74
County tax sales	7.52
Transfers	788.68

\$ 886.94

DISBURSEMENTS.

Trunk Sewer District No. 8.

For:	
Balance May 1, 1908.....	\$ 860.89
Transfers	26.05

\$ 886.94

RECEIPTS.

Cass and State Street Imp.

For:	
Balance May 1, 1908	\$ 31.89

DISBURSEMENTS.

Cass and State Street Imp.

For:	
Interest	\$ 31.89

RECEIPTS.

East Front Street Imp.

For:	
Balance May 1, 1908.....	\$ 257.23
Fourth installment,	
Principal	791.86
Interest	79.68
Fifth installment	
Principal	74.31
Interest .....	.38
Fourth installment, reassessed winter tax roll	42.51
Delinquent tax, county treasurer	181.62

\$ 1,427.59

DISBURSEMENTS.

East Front Street Imp.

For:	
Note	\$ 605.62
Interest	314.91

\$ 920.53

RECEIPTS.

West Front Street Imp.

For:	
Balance May 1, 1908	\$ 357.62
Fourth installment	
Principal	3,795.09
Interest	381.71
Fourth installment, reassessed winter tax roll	84.87

\$ 4,619.29

DISBURSEMENTS.

West Front Street Imp.

Note	\$ 3,448.55
Interest	352.99

\$ 3,801.54

RECEIPTS.

East State Street Imp.

Balance May 1, 1908	\$ 2,069.64
Fourth installment	
Principal	2,615.31
Interest	264.94
Fifth installment	
Principal	98.25
Interest	2.87
Fourth installment reassessed winter tax roll	757.89
Delinquent tax, county treasurer	113.62

\$ 5,922.52

DISBURSEMENTS.

East State Street Imp.

For:	
Note	\$ 3,411.52
Interest	585.16

\$ 3,996.68

RECEIPTS.

South Union Street Extension Imp.

For:

Balance May 1, 1908	\$ 334.72
Third installment	
Principal	1,708.81
Interest	232.10
Fourth installment	
Principal	117.79
Interest	1.67
Fifth installment	
Principal	159.50
Interest	2.10
Third installment reassess- ed	345.25
Delinquent tax, county treas- urer	159.14
Over pay rebate	1.47
Bonds sold	3,204.96
	<u>\$ 6,267.51</u>

DISBURSEMENTS.

South Union Street Extension Imp.

For:

Note	\$ 3,197.91
Interest	483.30
Rebates	189.75
	<u>\$ 3,871.05</u>

RECEIPTS.

Washington Street Imp. No. 1.

For:

Balance May 1, 1908	\$ 486.96
Second installment	
Principal	2,760.08
Interest	561.84
Third installment	
Principal	243.12
Interest	5.25
Fourth installment	
Principal	243.12
Interest	5.25
Fifth installment	
Principal	243.12
Interest	5.24
Second Installment reassess- ed, 1908	334.06
Delinquent tax, county treas- urer	144.35
Interest over paid	115.20
Bonds sold	4,530.40
	<u>\$ 9,677.99</u>

DISBURSEMENTS.

Washington Street Imp. No. 1.

For:

Note	\$ 8,041.98
Interest	494.03
	<u>\$ 8,536.01</u>

RECEIPTS.

Eighth Street Improvement.

For:

Balance May 1, 1908	\$ 910.40
Second installment	
Principal	3,247.23
Interest	660.87
Third installment	
Principal	204.86
Interest	7.04
Fourth installment	
Principal	146.11
Interest	4.09
Fifth installment	
Principal	176.75
Interest	5.63
Second installment, reassess- ed 1908	255.08
Delinquent tax, county treas- urer	63.66
Interest over paid	30.22
Bonds sold	7,369.62
	<u>\$13,081.56</u>

DISBURSEMENTS.

Eighth Street Improvement.

For:

Note	\$ 9,590.78
Interest	527.27
	<u>\$10,118.05</u>

RECEIPTS.

Washington Street Imp. No. 2.

For:

First installment	
Principal	\$ 893.88
Interest .....	.91
Second installment	
Principal	119.99
Interest .....	.66
Third installment	
Principal	119.99
Interest .....	.66
Fourth installment	
Principal	119.99
Interest .....	.66
Fifth installment	
Principal	120.00
Interest .....	.66
First installment reassessed winter tax roll	121.96
Brick transfer	50.60
Permanent notes	5,329.77
Bonds sold	1,162.19
	<u>\$ 8,041.92</u>

DISBURSEMENTS.

Washington Street Imp. No. 2.

For:

Paving brick	\$ 1,706.75
--------------------	-------------

Unloading brick	143.75
Freight	1,168.25
Draying	16.37
Labor	1,445.29
Sewer pipe	89.13
Cement	835.38
Brick	9.75
Catch basins	157.62
Tools, repairs and supplies.	58.34
Lumber	55.83
Gravel	369.75
Cushion sand	38.45
Sand	21.00
Coal	3.00
Pitch	16.40
Printing	240.00
Rebates	173.99

\$ 6,549.05

RECEIPTS.

Lateral Sewer No. 2, Dist. No. 8.

For:	
Installments	\$ 1,793.46
Interest	2.83
Reassessed on winter tax roll	440.82
Loans	516.74

\$ 2,753.85

DISBURSEMENTS.

Lateral Sewer No. 2, Dist. No. 8.

Labor	\$ 1,012.83
Manholes, etc.	88.50
Draying	46.65
Brick	33.80
Tools and supplies	12.82
Sewer pipe	955.23
Cement	28.20
Printing	135.00
Refund	19.14
Interest	5.17

\$ 2,337.34

RECEIPTS.

Lateral Sewer "H" District No. 4.

For:	
Installment	\$ 137.90
Loans	73.60

\$ 211.50

DISBURSEMENTS.

Lateral Sewer "H" District No. 4.

For:	
Sewer pipe	\$ 73.60
Interest .....	.74

\$ 74.34

RECEIPTS.

Lateral Sewer No. 4, Dist. No. 1.

For:	
Transfer	\$ 18.96

DISBURSEMENTS.

Lateral Sewer No. 4, Dist. No. 1.

For:	
Balance May 1, 1908	\$ 18.96

RECEIPTS.

Park Street Improvement.

For:	
First installment	\$ 400.95
Second installment	267.30
Third installment	267.30
Fourth installment	267.30
Fifth installment	267.30
Permanent notes	2,673.00
Exp. of conduit	17.29

\$ 4,160.44

DISBURSEMENTS.

Park Street Improvement.

For:	
Sewer pipe	\$ 39.50
Man holes and catch basins	73.25
Tools, equipment, supplies and repairs	26.50
Labor	699.88
Draying	35.05
Gravel	131.64
Cement	320.43
Brick	869.14
Unloading brick	60.00
Freight	561.46
Hauling gravel	36.35
Lumber	4.75
Cushion sand	6.20
Paving pitch	10.53
Coal	1.60
Rebates	130.68

\$ 3,006.97

RECEIPTS.

Lateral Sewer No. 1, Dist. No. 7.

For:	
Loans	\$ 105.80
Installments	52.08

\$ 157.88

DISBURSEMENTS.

Lateral Sewer No. 1, Dist. No. 7.

For:	
Sewer pipe	\$ 105.80
Interest .....	.96

\$ 106.76

RECEIPTS.

Front and Union Streets Imp.

For:	
Balance May 1, 1908	\$ 42.56
Delinquent tax, county treasurer	28.15

\$ 70.71

DISBURSEMENTS.		1906 rejected tax	
Front and Union Streets Imp.		State	3.37
For:		County	5.09
Interest	\$ 42.56		
RECEIPTS.			\$30,063.26
Sixth Street Improvement.		DISBURSEMENTS.	
For:		State and County Tax Funds.	
Balance May 1, 1908	\$ 373.39	To Co. Treas., Jan. 12, 1909..	\$24,306.09
DISBURSEMENTS.		To Co. Treas., Mar. 1, 1909..	5,653.01
Sixth Street Improvement.		To Co. Treas., Mar. 1, 1909	
For:		rejected tax	8.46
Interest	\$ 243.90	To City Treas., Mar. 1, 1909	
RECEIPTS.		over-run state and county	
State and County Tax Funds.		tax	95.70
For:			\$30,063.26
State tax	\$12,338.03		
County tax	17,716.77		

TABLE NO. 1**ASSESSED VALUATION AND TAX RATE FOR 1908.**

	Real	Personal	Total		
First ward	\$1,462,190 00	\$ 739,912 00	\$2,202,102 00		
Second ward	531,440 00	165,360 00	696,800 00		
Third ward	722,010 00	147,706 00	869,716 00		
Fourth ward	392,650 00	121,075 00	513,725 00		
Fifth ward	384,550 00	11,522 00	396,072 00		
	<hr/>	<hr/>	<hr/>		
	\$3,492,840 00	\$1,185,575 00	\$4,678,415 00		
	<hr/>	<hr/>	<hr/>		
	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.
School	\$.00817	\$.00817	\$.00817	\$.00817	\$.00817
Gen'l City00875	.00875	.00875	.00875	.00875
St. Dist002	.003	.002	.002	.004
Int. and Sink. ..	.001	.001	.001	.001	.001
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Totals	\$.01992	\$.02092	\$.01992	\$.01992	\$.02192

City tax rate 1908 on \$100 valuation as follows:

Ward 1, \$1.99; Ward 2, \$2.09; Ward 3, \$1.99; Ward 4, \$1.99; Ward 5, \$2.19.

Tax rate 1909 \$100 valuation for state taxes, \$.28 and for county taxes \$.40.

Total tax rate in city for year 1908, on \$100 valuation: First ward, \$2.67; Second ward, \$2.77; Third ward, \$2.67; Fourth ward, \$2.67; Fifth ward, \$2.87, making an average total tax rate in the city for year 1908 of \$2.73 for \$100 valuation.

TABLE NO. 2

TAXES ASSESSED AND
COLLECTED IN 1908-9.

	Assessed On Summer Tax Roll 1908	Uncollected Re- Assessed On Winter Tax Roll 1908	State, County and Improvement Assessments on winter Tax Roll 1908	Collected From July 27, 1908 to Oct. 31, 1908	Collected From Dec. 1, 1908 to Feb. 28, 1909	Delinquent Taxes Returned to County Treas. Mar. 1, 1909
General City	\$40,944 20	\$3,460 05	\$	\$37,484 15	\$ 1,693 47	\$1,766 58
Street Dist. No. 1	4,404 25	222 62	1,294 87	4,181 63	114 79	107 83
Street Dist. No. 2	2,091 30	154 88	127 53	1,926 42	78 38	76 50
Street Dist. No. 3	1,739 59	184 16	84 87	1,555 43	86 08	98 08
Street Dist. No. 4	1,027 45	102 81	608 12	924 64	58 98	43 83
Street Dist. No. 5	1,584 29	355 74	522 40	1,228 55	149 88	205 86
Street and Sinking	4,681 19	395 86	139 00	4,285 33	193 68	202 18
School	38,225 53	3,229 86	127 53	34,995 67	158 92	1,648 94
East State St. Improvement			84 87		757 89	536 98
East Front St. Improvement			127 53		42 51	85 02
West Front St. Improvement			84 87		84 87	
Washington St. Imp. No. 1			608 12		334 06	274 06
Eighth St. Imp. No. 1			522 40		255 08	267 32
Park St. Imp.			139 00			139 00
Washington St. Imp. No. 2			168 50		121 96	46 54
Lat. Sewer No. 2, Dist. No. 8			691 76		440 82	250 94
So. Union St. Ex. Imp.			551 70		345 25	206 45
Cass St. Ex. Imp.			49 87			49 87
Cement Walks			2,616 09		1,980 90	635 19
City Tax Fees			325 61		158 88	166 73
State Tax			13,102 28		12,338 03	764 25
County Tax			18,814 21		17,716 77	1,097 44
1906 Rejected Tax			24 34		8 46	15 88
Totals	\$94,697 80	\$8,105 98	\$39,121 15	\$86,591 82	\$38,541 66	\$8,685 47
State and County Tax over-run, \$95 70.						
Uncollected Personal, none.						

to Bank For Loans	Disbursements by Transfer	Owing to Contingent Fund for Loans During Fiscal Year	April 30, 1909. Balance as Shown by Books		Board of Education Credit Balance
			Dr.	Cr.	
	\$10,519 42	\$.....	\$.....	\$ 106 13	
	208 47	69 53	90 00		
	1,376 73			658 55	
				643 65	
				10,657 82	
	406 07			94 63	
	201 54		146 61		
				1,260 60	
263 23				30,475 26	
	807 64			272 46	
				2,753 70	
				1,183 62	
620 02				1,218 75	
825 01				767 79	
	197 62			1,502 50	
				199 08	
				554 07	
				41 65	
	262 21			344 41	
	691 90			129 49	
				43 75	
				28 15	
				507 06	
				1,925 84	
				817 75	
				2,361 45	
				1,141 98	
				2,963 51	
				1,942 87	
				1,153 47	
	886 94				
				416 51	
				137 16	
				51 12	
	18 96			68 00	
					\$14414 28
3,708 26	\$15,577 50	\$ 69 53	\$236 61	\$66,422 78	\$14414 28

TABLE NO. 3

FUNDS	Bal. May 1, 1908		b Tax Assessed 1908	Actual Receipts	Receipts by Bank Loans	Receipts from Bond Issues	Receipts by Transfer	Actual Disbursements	Disbursements to Bank for Loans	Disbursements by Transfer	Owing to Contingent Funds During Fiscal Year	April 30, 1909. Balance as Shown by books		Board of Education Credit Balance
	Dr.	Cr.										Dr.	Cr.	
Contingent	\$.....	\$ 35 12	\$.....	\$ 15,678 76	\$.....	\$.....	\$ 2,652 64	\$ 1,440 97	\$.....	\$10,519 42	\$.....	\$.....	\$ 106 13	
Printing		84 58	\$ 545 00	901 09			653 00	1,520 20		208 47	69 53	90 00		
Fire			5,119 00	5,047 20			4,376 73	7,388 65		1,376 73			658 55	
*Salaries		1,197 02	5,868 00	7,841 57			2,000 00	8,394 94					643 65	
Interest and Sinking		8,337 96	4,681 19	4,665 39				2,345 44					10,657 82	
Police			4,913 00	4,740 49			406 07	4,645 86		406 07			94 63	
Library			2,933 00	3,105 04			201 54	3,261 65		201 54		146 61		
Light		1,032 37	6,825 00	6,541 66				6,313 43					1,260 60	
Water		3,615 00	4,200 00	21,201 50		47,761 78		38,839 79	3,263 23				30,475 26	
General Sewer		361 86		373 16			643 08	298 00		807 64			272 46	
Bridge		545 20	1,050 00	1,036 86		6,049 25		4,877 61					2,753 70	
Cemetery		1,490 56	525 00	2,955 56				3,262 50					1,183 62	
Park		196 84	3,150 00	3,016 66				1,994 75	1,620 02				1,218 75	
General Street		1,335 03	5,400 00	12,960 22		3,859 46	3,000 00	16,561 91	3,825 01				767 79	
Street District No. 1		155 92	4,404 25	4,328 03			197 62	2,981 45		197 62			1,502 50	
Street District No. 2		192 23	2,091 30	2,086 15				2,079 30					199 08	
Street District No. 3		606 24	1,739 59	1,723 83				1,776 00					554 07	
Street District No. 4		163 50	1,027 45	1,017 20				1,139 05		262 21			41 65	
Street District No. 5			1,584 29	1,484 86			59 46	937 70		262 21			344 41	
Cass St. Extension Improvement		121 42		390 33		673 27		419 37		691 90			129 49	
Sixth St. Extension		373 39						243 90					43 75	
Front and Union St. Improvement		42 56		28 15				42 56					28 15	
Cass and State Sts. Improvement		31 89						31 89						
East Front St. Improvement		257 23		1,170 36				920 53					507 06	
East State St. Improvement		2,069 64		3,852 83				3,996 68					1,925 84	
West Front St. Improvement		357 62		4,261 67				3,801 54					817 75	
South Union St. Ex. Improvement		334 72		2,727 83		3,204 96		3,906 06					2,361 45	
Washington St. Improvement No. 1		486 96		4,660 63		4,530 40		8,536 01					1,141 98	
Eight St. Improvement No. 1		910 40		4,801 54		7,369 62		10,118 05					2,963 51	
Washington St. Improvement No. 2				1,549 96	5,329 77	1,162 19		6,549 05					1,942 87	
Park St. Improvement				1,487 44	2,673 00			3,006 97					1,153 47	
Trunk Sewer No. 8				98 26			788 68			886 94				
Lateral Sewer No. 2, Dist. No. 8				2,237 11	516 74			2,337 34					416 51	
Lateral Sewer No. "H", Dist. No. 4				137 90	73 60			74 34					137 16	
Lateral Sewer No. 1, Dist. No. 7				42 08	105 80			106 76					51 12	
Lateral Sewer No. 4, Dist. No. 1	18 96				105 80		18 96			18 96			68 00	
Wharf		68 00												
State Tax—1908			c12,102 28	12,341 40										
County Tax—1908			d18,814 21	17,721 86										
School		9,142 25	38,225 53	66,214 87	4,000 00									\$14414 28
Totals	\$ 18 96	\$33,545 51	\$126,598 09	\$224,429 41	\$12,698 91	\$74,610 93	\$14,997 78	\$160,470 25	\$8,708 26	\$15,577 50	\$ 69 53	\$236 61	\$66,422 78	\$14414 28

*\$1,000 due from cont'g. in lieu of taxes.

includes \$1,500 for purchase ground foot Garfield Ave.

bOver-run tax roll \$16.20.

cOver-run on state tax, \$50.24.

dOver-run on county tax, \$45.46.

STATEMENT OF RESOURCES AND LIABILITIES.**RESOURCES.****Inventory.**

City council	\$ 37,970.87
Water department	153,700.00
Board of Public Works.....	47,697.22
Board of education	175,000.00
Board of library trustees..	40,200.00

Total\$454,568.09

Taxes, Assessments and Other Items for Collection.

Improvements	\$ 38,995.91
Delinquent personal tax ...	1,456.41
Delinquent tax at Co. Treasurer's office	(?) 9,267.85
Water, schedule	24.45
Water, meter	32.01
Water, taps, etc	15.00
Water, items dropped from the water book	188.07
Cemetery, lots	144.50
Cemetery, burials	140.00
Cemetery, care of lots	439.25
Cemetery, extra labor on lots	56.00
Repairs to walks	149.10
Interior and exterior walks.	147.65
Items in question	4.00

Total\$ 51,060.20

Overdrawn Funds.

Printing	\$ 90.00
Library	146.61

Total\$ 236.61

Cash Statement.

Cash in city depository ...	\$ 65,039.10
Cash on hand with the city treasurer, April 20, 1909.	697.07

Total\$ 65,736.17

LIABILITIES.**Bonds.**

Water works purchase	\$ 43,667.09
(\$14,000 due 1910, \$15,000 due 1915 and \$14,667 due 1920)	
Water works extensions ...	72,000.00
(\$25,000 due 1930, option of 1920, \$20,000 due 1924 option of 1914 payment, \$12,000 due 1928 and \$15,000 due 1929)	
Water works pump.....	20,000.00
(\$20,000 due 1929)	

Total water works bonds.\$135,667.00
(Amount of interest due annually on water bonds, \$5,674.18.
Refunding\$ 35,000.00

(\$7,000 due in 1911, \$6,000 due in 1914, \$7,500 due in 1917, \$7,500 due in 1920, and \$7,000 due in 1923)

Amount of interest due annually on refunding bonds, \$1,400.00.

Bridge\$ 15,000.00
(\$9,000 due in 1914 and \$6,000 due in 1928)

Amount of interest due annually on bridge bonds, \$630.00.

Street intersections\$ 20,000.00
(\$20,000 due in 1928)

Amount of interest due annually on street intersection bonds, \$900.00.

School\$ 20,000.00
(\$20,000 due in 1924)

Amount of interest due annually on school bonds, \$800.00.

Total bond issue of city at present time\$225,667.00

Total amount of interest due on bonds above scheduled, \$9,404.18.

Notes.

East State street imp.	\$ 8,035.75
East Front street imp.	4,011.82
Cass street extension imp..	762.27
South Union street extension improvement	6,395.82
West Front street imp.	3,448.55
Washington street No. 1 imp	11,058.02
Eighth street No. 1 imp..	14,509.22
Washington street No. 2 imp	5,329.77
Park street improvement .	2,673.00
Sixth street improvement	2,823.39
Front and Union streets imp	1,695.52
State and Cass streets imp	2,338.63
Lateral sewer No. "H" district No. 4	73.69
Lateral sewer No. 1, district No. 7	105.80
Lateral sewer No. 2, district No. 8	516.74
Water	3,000.00
Abbott voting machine notes	1,150.00

Total\$67,927.90

Contracts.

Due John Monroe, bal. on contract piling Boardman river\$ 750.00

Credit Balances of Various Funds on Deposit.

Contingent	\$ 106.13
Fire	658.55
Salaries	643.65
Interest and sinking.....	10,657.82
Police	94.63
Light	1,260.60
Water	30,475.26
Wharf	68.00
General sewer	272.46

General street	767.79
Street district No. 1.....	1,502.50
Street district No. 2.....	199.08
Street district No. 3.....	554.07
Street district No. 4.....	41.65
Street district No. 5.....	344.41
Bridge	2,753.79
Cemetery	1,183.62
Park	1,218.75
Cass street ex. imp.	43.75
Sixth street imp.	129.49
Front and Union streets imp.	28.15
East Front street imp.	507.06
East State street imp.....	1,925.84
West Front street imp.....	817.75
South Union St. ex. imp.....	2,361.45
Wash. St. No. 1 imp.....	1,141.98
Eighth street No. 1 imp.....	2,963.51
Wash. St. No. 2, imp.....	1,492.87
Park street improvement...	1,153.47
Lateral sewer No. 1, district No. 7	51.12
Lateral sewer No. "H" dist- rict No. 4	137.16
Lateral sewer No. 2, district No. 8	416.51

Total\$65,972.78

During the past fiscal year we have sold bonds and realized money thereon, which we have placed to the credit of funds as follows:

Water works pump, \$20,000.00.

Water works extensions, \$15,000.00.

Bridge, \$6,000.00.

The two former issues will bear interest at the rate of $4\frac{1}{4}$ per cent. per annum, and the latter at $4\frac{1}{2}$ per cent. per annum.

I respectfully call your attention to the foregoing statement which I have designated as "Table No. 3," from a study of which and a comparison of it with a similar statement prepared by me of the previous year, you will note somewhat of an improvement this year in the city's finances. In but two instances now are the funds overdrawn, viz: That of the Printing and Library, as against some eleven funds of a year ago.

It is true some of the funds have a very small balance which will undoubtedly be used up by the May disbursements, still I feel we have made some improvement and that possibly by the end of this coming fiscal year the funds may have a balance sufficiently large to carry us without borrowing until taxes are received in the August following, which is, to my mind at least, the way it should be.

I also call your attention to the fact that the First National Bank of this city holds temporary city notes as follows:

For Sixth St. imp.....\$2,823.39
For Front & Union Sts. imp. .1,695.52
For State & Cass St. imp.... 2,338.63

Total\$6,857.54

It seems that when the paving was done on the streets, from which these funds take their name, it cost more than the assessment made therefor, making it necessary in order to meet obligations to either pay the extra cost from the contingent fund or borrow—the latter course was taken. I believe the charter of this city does not permit of so borrowing, and as the assessments for these pavings have all been paid and we still have this outstanding, I shall on May 3rd next recommend that these notes be paid from the contingent fund.

Under the present system of book-keeping in this office, there is what is called a "STATEMENT and COLLECTION REGISTER" which is without question a very important record to be kept, as at the close of each month it shows a complete statement of the city's resources and liabilities, credit balances, overdrawn funds, cash statement, collections, etc. for the month.

This book it has been impossible for me to correctly balance, as I have stated to you before, owing to the fact that I have been unable to reconcile the item of delinquent taxes in the hands of the county treasurer for collection, which condition should not exist. I venture to say that few concerns having an account outstanding that averages from \$4,000 to \$10,000 practically all of the time, who would not have a better check upon it than do we have upon this item of delinquent taxes. Auditors and others have stated to me that it is impossible practically to keep this item straight. However, I believe steps should be taken to at least make a more determined effort along this line than has been put forth in the past. At the present time all work on water works taps, etc., all labor performed in cemetery, and all schedule water rates is paid for in advance, which is true of everything else where possible, and as a natural result there are now no outstanding bills contracted during the past two years (the charges for me-

tered water and the one dollar cut-off charges for non-payment of meter and scheduled water, necessarily being excepted) but in times past it has been the custom to allow credit in the various departments of the city, more particularly in the cemetery and water works departments, repairs to walks, etc., and as a consequence there is to be found on the books the city accounts now outstanding as follows:

For cemetery lots	\$ 144.50
For cemetery burials	140.00
For cemetery care of lots..	439.25
For cemetery ex. labor on lots	56.00
For repairs to walks	149.10
For interior and exterior walks	147.65
For items in question	4.00
For items dropped from the water books	188.07
For water taps, etc.,	15.00

These charges have been considerably reduced from what they were three years ago. I have no doubt in many instances the charges are incorrect, for in answer to statements mailed from this office for same, replies have been received in the form of a receipted bill for the charge in question, and in justice to these parties such charges should be stricken from the books.

I would respectfully suggest that this matter be referred to the proper committee on the incoming council for immediate attention thereto, and in cases where the charge is deemed to be incorrect or improper, where the parties alleged to be owing are no longer residents of the city and their whereabouts not known, and in cases where collection is impossible, I believe the accounts should be charged off.

For these reasons and as a matter of proper business methods I respectfully suggest that the books of the city be audited, and when this is done that the item of delinquent taxes at the county treasurer's office be properly checked both in this office and the offices of county clerk and treasurer and in reality a new start made, so that there may be no question as to the amount of this account outstanding for collection, and that the books

of the county and city should then always be in proper balance so far as this item is concerned. No doubt errors have been made, and if so they should be corrected, for it is my desire to have the records and the finances of this city in the best condition possible.

I also call your attention to Rule No. 42 of the "Rules and Regulations for the Government of the City Water Works," adopted by the council April 13, 1905, which reads as follows:

"**Meter Rent**—The rent of a meter and the minimum rate must be paid continually whether water is used continually or not." This rule makes it imperative that we charge the minimum rate for metered water regardless of the water being on or off, and this has been the cause of many complaints being registered in this office and from the showing that is being made by the water works now, I believe that such a charge is unwarranted, except of course the charge for meter rental.

Insurance will expire on the various city properties between May 1, 1909 and April 30, 1910, on which the premiums will amount to, on the

Water works	\$ 125.00
City tool house and contents	69.50
Voting machines	7.50

Total\$ 202.00

The various organized bodies of the city have held meetings during the past fiscal year as follows:

City council	41
Board of education	26
Board of public works	31
Board of health	14
Board of special assessors.....	7
Board of review and equalization	10

Total 129

We have in this office during the past fiscal year recorded 280 death certificates, and 212 birth certificates, complete records of which have been forwarded to the county clerk of this county and the department of state.

During the same period we have recorded 57 cemetery deeds and have issued 169 burial permits for burials in the city cemetery.

Yours respectfully,
T. H. GILLIS, City Clerk.

City Treasurer

Traverse City, Mich., April 21, 1909.		Cass St. Ex. Imp.	43 75
To the Hon., Mayor and Council of the		Sixth St. Imp. ...	129 49
City of Traverse City, Mich.:		Front and Union	
3726—Gentlemen—The following are		Street Imp. ...	28 15
the balances of the different funds as		East Front	
shown by the books of the treasurer		Street Imp. ...	507 06
of the city of Traverse City at the		East State	
close of business April 20, 1909, and		Street Imp. ...	1,925 84
close of the fiscal year:		West Front	
Contingent	\$ 106 13	Street Imp. ...	817 75
Printing	\$ 90 00	South Union Street	
Fire	658 55	Ex. Imp.	2,361 45
Salaries	643 65	Washington Street	
Int. & Sinking...	10,657 82	Imp. No. 1	1,141 98
Police	94 63	Eighth Street Imp.	2,963 51
Library	146 61	Wharf	68 00
Light	1,260 60	Lateral Sewer No.	
Water	30,475 26	2, Dist. No. 8 ..	416 51
General sewer ...	272 46	Washington Street	
Bridge	2,753 70	Imp. No. 2	1,492 87
Cemetery	1,183 62	Park Street Imp...	1,153 47
Park	1,218 75	Lateral Sewer No.	
General street ..	767 79	H, Dist. No. 4 .	137 16
Street District		Lateral Sewer No.	
No. 1	1,502 50	1, Dist. No. 7 ..	51 12
Street District		Cash on hand	.
No. 2	199 08	and in depos-	
Street District		itory	65,736 17
No. 3	554 07		
Street District			
No. 4	41 65		
Street District			
No. 5	344 41		

\$65,972 78 \$65,972 78

Yours respectfully,
RALPH S. HASTINGS,
City Treasurer.

Fire Department

Traverse City, Mich., April 26, 1909.
To the Honorable, the Mayor and City
Council, Traverse City, Mich.:
3723—Gentlemen—I submit herewith
for your consideration the following
report of the fire department for the
year ending April 26, 1909:

Inventory.

Cass street engine house and lot	\$ 7,450 00
Horses, harnesses, blankets, etc.	1,250 00
Two steam fire engines	8,000 00
One chemical engine	1,100 00
Hose wagons, sleighs, lad- ders, etc.	3,230 00
Fire alarm system	4,175 00
5,800 feet of fire horse @ 70 cents	4,060 00

Total value of property
on hand\$29,265 00

During the year the department has
responded to 71 alarms, has traveled
94 miles to and from fires, laid 22,850
feet of horse.

The total loss by fires has amounted
to \$44,250. Insurance was carried
on the property damaged by fire to
the amount of \$469,780 and the
property damaged received \$42,125 of
insurance, making a net loss of \$2,125.

Causes of Fires.

Defective chimneys	10
Defective furnaces	2
Carelessness with matches	6
Spontaneous combustion	4
Lightning	2
Sparks from locomotives	4
Sparks from factory stacks	6
Burning rubbish	4
Set by children	4
Chimney fires	21
Unknown	8
Total	71

DISBURSEMENTS.

Fire Fund.

Regular firemen, including \$20.24 expense previous fiscal year	\$4,829 87
Special firemen, including \$1.00 expense previous fiscal year	26 00
Hose Co. No. 1	58 00
Hose Co. No. 2, including \$10.50 expense previous fiscal year	173 50
Hose Co. No. 3, including	

\$6 expense previous fiscal year	41 50
Hose Co. No. 4, including \$9 expense previous fiscal year	60 50
Hose Co. No. 5	29 00
Hock and ladder company, including \$4 expense prev- ious fiscal year	28 50
Light and gas, including \$2.67 expense previous fiscal year	46 40
Hay, oats, bedding, etc., in- cluding \$46.56 expense previous fiscal year	532 71
Department expense, includ- ing \$137 42 expense prev- ious fiscal year	332 39
Equipment and repairs, in- cluding \$407 91 expense previous fiscal year	623 43
Veterinary and medicine, in- cluding \$2.50 expense prev- ious fiscal year	53 25
Horseshoeing, including \$17 expense previous fiscal year	87 55
Draying and extra teams, in- cluding \$4 expense prev- ious fiscal year	28 09
Telephone	36 00
Heating	200 00
Expense of firemen's conven- tion	125 00
Barn rent	22 50
Battery supplies and chemi- cals	43 06
Water	11 40

Total\$7,388 65

Making deduction of \$671.80
paid this year for bills in-
curred during the previous
fiscal year

671 80

Actual expense of running
department from May 1,
1908, to April 26, 1909

\$6,716 85

The tax appropriation made this
year for the fire fund amounted to
\$5,119 together with \$3,000 appropriat-
ed to this fund from the contingent
fund made a provision to operate this
department this year of \$8,119. The
fund actually received from taxes
\$4,897.20, from the contingent fund
\$3,000 and from hose sold \$150 or a
total of \$8,047 20. Deducting from
\$8,047.20 the amount disbursed from
the fire fund (\$7,388.65) leaves a

credit balance at the close of April, 1909, of \$658.55; whereas had the fire fund received the full amount of the appropriations together with the \$150 for hose sold and deducting therefrom the actual cost of running the department this year (\$6,716.85) the fire fund would now have a credit balance of \$1,552.15. In other words had the department received the full amount intended for its use and not been required to pay out a large amount for bills incurred during the previous fiscal year, there would be ample funds on hand now with which to purchase two good fire teams that

are very much needed.

I commend the officers and members of the volunteer department and the regular firemen for the faithful performance of their duties while I have been in charge of this department.

To your honorable body I offer my sincere thanks for your co-operation and the support which you have given me in the discharge of my duties in connection with this department wherein we are mutually interested.

Respectfully submitted,

JOHN RENNIE,
Chief of the Fire Department.

Superintendent of Water Works

Traverse City, Mich., April 26, 1909.
To the Honorable, Mayor and City Council:
3728—Gentlemen—I submit herewith my report on the operation of the city water works for the year ending April 30, 1909:

RECEIPTS.

Schedule water rates	\$11,410 37
Meter rates	4,937 87
Water for all other purposes	69 00
Taps	529 00
Installing meters	57 00
Repairs to meters	1 50
Material sold	151 90
Refund over charge	9 56
Bonds sold	47,761 78
1908 summer tax	4,035 20
Balance May 1st, 1908	3,615 00

Total receipts

DISBURSEMENTS.

Office.

Superintendent	\$ 800 00
Clerk	1 50
Stationery and printing.....	57 00
Insurance	258 00
Interest	4,852 76
Notes paid	15,263 23
Rebates	77 27
Cash on hand April 30, 1909.	30,474 26

Total disbursements for office

Pumping Expense.

Engineers	\$ 1,606 00
Fireman and extra man....	1,543 00
Fuel	1,859 64
Oil, waste and packing	282 42
Lighting	89 40
Phones	12 00
Miscellaneous	47 32

Total

Maintenance.

Boilers	\$ 102 53
Auxiliary machinery	19 75
Buildings and grounds	84 52
Mains	137 76
Hydrants and valves	336 56
Repairing and testing meters	106 09
Miscellaneous	45 30

Total

Construction.

Mains	\$11,902 61
Valves and hydrants	328 45

Taps	1,305 40
Meters	513 34
Pumps	19 95
Buildings and grounds	351 33
Tools and miscellaneous ...	99 89

Total

Total disbursements

Including under the head of office expense is one item of \$15,263.23 for notes paid, and the item of \$4,852.76 includes \$500 interest on bonds not due till after April 30th. Taking no accounts of these items the total operating and maintenance expense for the year amounts to \$11,818.82, while the total receipts for water amount to \$16,417.24 or an actual profit of \$4,598.42.

However, I do not consider this a fair statement of the real profit of the water works. Such a statement should show a revenue from hydrants, street sprinkling, etc., as would be the case were the plant owned by a private corporation. Such a statement follows:

Actual cash receipts for water	\$16,417 24
226 fire hydrants at \$40....	9,040 00
Street sprinkling	1,800 00
Cemetery and parks	800 00
Public drinking fountains..	200 00
Wetting down trenches	200 00
For building sidewalks and pavements	400 00

\$28,857 24

Cost of operating and maintenance

Profit by operating

But little new constructing was done during the year as the following statement shows.

Four inch main laid, feet	2650
Six inch main laid, feet	1350
New services (ordered)	112
Transfers on account of paving...	31
New taps on account of paving ..	12
New meters set	56
New hydrants set	9
New valves set	7

The cost of new construction includes under the item "mains" the cost of the mains purchased for the coming seasons work, amounting to about four miles of four, six and twelve inch main.

The pumping statement which follows shows a very large increase in the pumping over the previous year. This is due in part to the very dry summer of 1908, and also to the increase in the number of consumers. A study of the financial statement and of the comparative statement appended will show that this increase in pumping has not been accompanied by any corresponding increase in the cost of operation.

Number of millions gallons pumped	719
Average gallons per day....	1,970,000
Largest day's pumping	4,096,000
Smallest day's pumping	1,216,000
Largest month's pumping...	88,919,000

Smallest month's pumping..	44,083,000
Average water used per day per tap	1,190
Average water used per day per capita	165
Cost of fuel per 1000 gallons	.0026
Total cost of pumping per 1000 gallons .....	.0164
Total cost exclusive of interest .....	.0104
Average receipts per 1000 gallons .....	.0230
A comparative statement of various items for a period of four years is attached.	

Respectfully submitted,
W. R. CALDWELL,
Supt. of Water Works.

COMPARATIVE STATEMENT FOR A PERIOD OF YEARS.

	1905-06	1906-07	1907-08	1908-09
Total cost of plant and system to May 1st of current year	\$141,645.18	\$146,784.36	\$178,487.16	\$192,908.24
Expended for plant during year including intakes		1,053.80	2,395.06	371.28
Expended for mains, hydrants, valves, etc.	7,260.00	1,942.48	25,551.13	12,231.03
Expended for services, including transfers	3,729.12	1,636.74	2,538.59	1,305.40
Expended on new meters	956.06	506.16	393.60	513.34
Average cost of service main to curb (including transfers) ...	9.00	21.00	6.30	8.49
Length of mains in miles		21.25	22.00	22.75
Number of street valves	118	122	147	154
Number of public hydrants	200	206	217	226
Number of meters and registers in use	210	260	284	336
Number of services in use	1340	1405	1343	1635
Per cent of taps metered	15½	18¼	18½	20½
Total cost of pumping and maintenance (including interest) ..	11,860.22	10,458.56	11,728.25	11,818.82
Cost of pumping and maintenance per 1,000 gallons (including interest) .....	.0207	.0168	.0192	.0164
Total cost of pumping and maintenance (not including int.) ...	7,292.54	6,265.42	7,626.08	7,461.06
Cost of pumping and maintenance per 1,000 gallons (not including interest) .....	.0127	.0101	.0125	.0104
Fuel expense	1,444.53	1,490.48	2,210.41	1,859.64
Fuel expense per 1,000 gallons pumped .....	.0025	.0024	.0036	.0026
Total receipts for water and items charged against pumping expense	12,699.93	14,589.88	15,513.05	16,417.24
Average receipts per tap	9.48	10.38	10.09	9.92
Average receipts per tap (metered)	14.92	17.00	16.70	14.70
Average receipts per tap (unmetered)	8.47	8.87	8.60	8.70
Average receipts per 1,000 gallons pumped .....	.022	.023	.025	.023
Water pumped during year (in million gallons)	574	622	611	719
Average water pumped per day	1,575,100	1,704,100	1,674,000	1,970,000
Average water pumped per day per tap	1175	1213	1085	1190
Average water pumped per day per capita	150	162	152	165
Estimated population reached by system	10,500	10,500	11,000	12,000
Largest month's pumping		74,590,400	74,940,000	88,919,000
Smallest months pumping		37,835,000	40,123,000	44,083,000
Largest day's pumping	2,920,000	4,216,000	3,272,000	4,096,000
Smallest day's pumping	1,008,000	1,040,000	1,100,600	1,216,000
Total receipts for schedule water rates	9,566.48	10,156.25	10,777.70	4,937.87
Total receipts for meter rates	3,133.45	4,433.63	4,743.10	11,479.37

City Engineer

Traverse City, Mich., April 26, 1909.
To the Honorable, Mayor and City Council:

3727—Gentlemen—I herewith submit my annual report on bridges as required by the city charter.

All the old wooden culverts over the Asylum creek have been replaced by concrete structures except the two on Elmwood avenue and Newaygo street. These two culverts are in good shape but are very narrow, and the culvert on Elmwood avenue should have good railings built. Because vehicles cannot pass on these culverts automobile accidents have been narrowly averted several times.

The floor systems of the steel

bridges on North Union and Park streets are in bad condition and will soon require a complete rebuilding. When this is done these bridges should also be scraped and painted.

The bridge on Cass street has received quite extensive repairs during the year, and will soon require complete rebuilding above the piling.

The floor system of the South Union street and the East Eighth street bridges will also require a complete overhauling soon, and this should be done when a new plank floor is required.

Respectfully submitted,

W. R. CALDWELL,
City Engineer.

Board of Public Works

Traverse City, Mich., April 26, 1909.
To the Honorable, Mayor and City Council:

3729—Gentlemen—The annual financial statement of the city clerk will furnish you with a detailed statement of the disbursements from the various funds at our disposal for the public works of the city.

The following is a general outline of the work performed under our direction.

Washington street from Railroad avenue to Barlow street was paved with brick on a concrete foundation. The width between curbs on this street being thirty feet. Park street from Front street to State street was paved with brick on a concrete foundation. The width between curbs on this street being forty feet.

One concrete culvert was built on Wadsworth street, over the Asylum creek, one on Division street, one on Sixth street and two on Cedar street.

The new addition to the city cemetery was cleared and made ready for platting and the wire fencing for the same is now on the ground.

Lateral sewer No. 2 District No. 8 was built. The total length of this sewer is about 3,100 feet. Seven catch basins were built, with the necessary sewer connections, on some of the unpaved streets to drain low spots.

About five and one-half miles of concrete walk was built, almost one-fourth of this amount being for the city at street intersections and in front of public property.

But little work was done on the parks further than filling in on Hannah Park and the market site and planting a row of trees on Hannah Park.

The other work assigned to the board, such as caring for the parks, keeping streets clear of weeds, repairing the gravel roads street sprinkling, cleaning, etc., has been kept up as heretofore under the able direction of the street commissioner.

All the work mentioned above has been done by day labor under the direction of the board. No contracts having been let except for the necessary materials.

The following is an inventory of the

property and tools in our charge:

Tool house and lot	\$ 1,200 00
Gravel pit	1,000 00
Third ward building and lot	3,000 00
Market site	15,000 00
Hannah Park	4,000 00
West Bay shore park	1,500 00
East Front street park	500 00
East Bay park	1,000 00
First addition to cemetery	500 00
Second addition to cemetery	1,500 00
Dumping grounds	400 00
Second ward building and lot	2,500 00
Bryant park	2,000 00
1,400 cu. yds. crushed stone	2,100 00
1 steam power concrete mixer	500 00
1 hand power concrete mixer	125 00
7 sprinklers	1,400 00
1 steam roller	3,000 00
1 horse roller	300 00
1 traction engine	1,200 00
1 street sweeper	125 00
1 street grader	125 00
1 wagon and tool box	50 00
1 stone crusher	400 00
1 truck wagon	30 00
1 dump wagon	45 00
9 snow plows	55 00
1 trench pump and hose	75 00
60 trench jacks	125 00
18 sidewalks and frames	36 00
Paving brick	350 00
Sewer pipe	50 00
Maple lumber	160 00
Hemlock lumber	50 00
6 crow bars	6 00
20 shovels	8 00
7 street cleaner carts	56 00
9 picks	5 40
34 shovels	10 20
5 scoops	3 75
10 lanterns	3 00
15 hoes	4 50
4 rakes	1 40
1 lawn mower	3 00
500 ft. hose	40 00
9 pavement scrapers	5 25
2 hand saws	3 00
1 8-tine fork	1 00
1 pike pole	75
1 snow scraper	4 00
1 scraper to remove comb on walk	4 00
5 mattocks	1 50

2 crosscut saws	2 50	2 slush boxes	4 00
4 hammers	2 00	200 ft. 1½ inch water pipe..	20 00
14 wheelbarrows	21 00	1 leveling block	1 00
1 cart for repairing walks..	2 00	1 heavy hand tamp	2 00
1 sewer rod for open sewers	1 50	2 cant hooks	1 50
4 trestles	3 00	1 set leveling pins	1 00
1 trestle	3 00	1 hand level	1 00
6 trestles for barricades ...	1 80	1 pole axe	50
1 scraper	1 50	6 stone chisels	1 50
1 scraper chain	4 50	2 pair brick tongs	2 50
2 catch basin covers	32 00	2 pinch bars	1 50
2 sets block and tackle ...	12 00	1 tarpaulin	5 00
1 block and loading chain ..	6 00	5 slushing scrapers	2 50
6 concrete tampers	3 00	3 1-gallon oil cans	75
1 vise	4 00	1 cement mixer	400 00
5 hand axes	3 00	1 curb snow plow	10 00
3 neck yokes	2 25	1 pr. tongs for raising walks	5 00
1 pump and pipe	6 00	1 farmer's handy wagon ...	24 00
7 hoes	3 50	3,600 ft. garden hose	660 00
5 sledges	3 75	5 doz. C. B. G. sprinklers ..	8 75
1 adze	75	5 iron garden rakes	3 75
7 hydrant wrenches	1 75	3 wooden hay rakes	1 00
4 hydrant reducers	2 00	1 pr. grass shears	60
2 levels	1 50	3 sickles	1 95
2 hand screens	3 00	2 snow shovels	1 00
8 pails	3 20	3 dirt shovels	2 25
2 set sidewalk fin. tools ...	2 00	1 garden spade	85
2 squares	80	1 wrench	1 75
2 mixing platforms	4 00	2 old lawn mowers	9 00
1 mixing box	1 00	3 large grave linings	4 50
100 ft. ¾ inch water pipe..	44 00	2 small grave linings	1 75
5 pipe wrenches	6 50	2 set curbs for larges graves	65 52
1 brick trowel	60	3 set small curbing	9 00
1 hose repair outfit	50	2 wheelbarrows	3 50
2 plows	15 00	1 snow plow	5 25
1 tar kettle	8 00	35 lawn seats in good shape .	26 25
1 tar dipper	50	9 lawn seats, broken	4 50
3 tar pails	1 20		
2 tar funnels	80		
1 wheel scraper	12 00		
5 monkey wrenches	4 00		
1 leveling scraper	2 00		

\$46,089 27

Yours respectfully,

THE BOARD OF PUBLIC WORKS,

By T. H. Gillis, Clerk.

Chief of Police

Traverse City, Mich., April 26, 1909.
To the Honorable, the Mayor and City
Council, Traverse City, Mich.:

3722—Gentlemen—Herewith is presented the annual report of the police department of the city of Traverse City for the fiscal year beginning May 1, 1908, and ending April 26, 1909.

The following statement gives in details the work accomplished by this department:

Drunk and disorderly	50
Violations of the city ordinances ..	24
Larceny	13
Assault and battery	5
Burglary	1
Abusive language	2
Begging	5
Embezzlement	2
Forgery	3
Non-support	1
Bond to keep the peace	1
Bastardy	1
Insane	2
Gave lodging in city lock-up	71
Drunk placed in city lock-up to sober up	156

Held for outside officers 9

Total 348

Of this number they were divided
as follows:

Men 330

Women 18

Indians 13

Negroes 9

Children lost 12

Bicycles reported lost or stolen ... 77

Bicycles recovered for owners 71

Bicycles on hand 2

Total number of actual arrests ... 277

The tax appropriation made for this department amounted to \$4,913.00 and actual receipts amounted to \$4,740.49. Disbursements for the year totaled \$4,645.86, leaving a balance to the credit of the police fund of 94.63.

I tender my thanks for the courtesies and assistance extended me during the year.

Respectfully submitted,

C. W. ASHTON,

Chief of Police.

Meat and Milk Inspector

Traverse City, Mich., April 26, 1909.
To the Honorable, the Mayor and Aldermen, Traverse City, Mich.:
3725—Gentlemen—I hereby present my annual report of dairies and meat markets, for the year ending May 1, 1909:

There have been an average of 31 dairies inspected each month, with an average of 325 cows examined per month.

An average of 22 families in the city have kept an average of 29 cows and sold milk to neighbors.

Have tested 639 samples of milk and 164 samples of cream, making an average monthly test of 53 samples milk and 14 samples cream.

There has been an average monthly inspection of 18 meat markets, and four slaughter houses.

The wagons and utensils used in handling and delivering the milk are kept in good condition.

While the dairy conditions are not ideal, they are good, and show a steady improvement. The owners show an earnest desire to furnish as nearly a sanitary article as possible.

Government statistics show that 10

per cent of all dairy cows are tuberculous, and that the tuberculin test is the only reliable method of diagnosis. I would therefore respectfully suggest to your honorable body that the tuberculin test be made obligatory for all cows used for the milk and cream supply of the city.

Also that all cows kept in the city, whether the milk is sold or not, be subject to inspection.

The meat markets are all fairly well kept and several of them will compare favorably with those of much larger cities.

The slaughter houses are poorly designed and very unsanitary, but are as well kept as present conditions admit.

As a remedy for this condition, and to prevent the offering of unsanitary and diseased meats for sale. I would suggest that the city establish a city abattoir, either municipal or private ownership, and oblige all butchers to slaughter there, with efficient inspection at the time of slaughter.

Respectfully,

F. A. SCOTT.
Inspector.

Librarian

3721—Librarian's report for year ending April 30, 1909:

Number of volumes in library by departments:

Fiction	2,267
Juvenile fiction	1,125
Philosophy	70
Religion	133
Sociology	188
Philology	33
Natural science	331
Useful arts	125
Fine arts	199
Literature	554
History	597
Travel	231
Biography	314
General works, including bound magazines	720
Government reports	3,169
Illustrated albums	5
Geologic atlases	179
Art folios	3

Total10,144

Number of books issued by departments:

	Main Library	Oak Park Branch
Fiction	12,618	2,823
Juvenile fiction	9,175	3,562
Philosophy	80	2
Religion	159	1
Sociology	589	166
Philology	14	
Natural science	304	84
Useful arts	178	6
Fine arts	238	19
Literature	637	80

History	375	72
Travel		231
Biography	264	54
Bound magazines	1,000	198

Total25,927 7,061

Total number issued32,988
Number of persons using reading rooms:

	Main Library	Oak Park Branch
Men	2,755	154
Women	1,602	304
Children	5,626	2,375

Total9,983 2,833

Total12,816
Number of patrons enrolled; Main, 2,725; branch, 616; total, 3,341.

Number of children at story hour:
Main library, 1,290; Oak Park branch, 2,460; total, 3,750; average attendance, 58.

	Main Library	Oak Park Branch
Magazines subscribed for..	43	8
Magazines donated	6	1
	49	9

Total58

Number of books rebound291

Number of magazines bound 71

Total362

Number of books and bound magazines added, 596.

Number of books lost and withdrawn, 69.

HELEN STOUT,
Librarian.

Library Trustees

To the Honorable Mayor and City Council of the City of Traverse City, Mich.:

3720—Gentlemen—As required by the charter we have the honor to herewith submit our report as trustees of the Traverse City public library for the year ending April 30th, 1909:

Your attention is respectfully invited to our report of receipts and disbursements, for full information as to the financial condition of the library at the conclusion of this year; also to the librarian's report showing in detail all matter connected with the conduct of the library during that period.

We are pleased to make a favorable showing in the popularity and the usefulness of the library to residents of Traverse City. A well equipped and well conducted library is a source of great uplift to a community and this past year has demonstrated that our library is increasing in favor with the citizens of Traverse City.

The total of patrons on the 1st day of April was 3341 showing an increase of 1.34 during the past eleven months. Since the establishment of manual training in our schools it has been deemed wise by the trustees to purchase a considerable number of books along that line, in pursuance of that idea we have purchased many books that are used by both teachers and pupils in connection with manual training and it is our intention to add still further during the coming year.

By inspecting the report in detail you will note the large number of school going children that take books from the library. We have our librarian tell in familiar language, stories from good books, to the smaller children from all the schools three times a week, which we call the story hour. We have come in personal touch in this way with four thousand children during the year, and given them a liking for good books.

The value to the school and the child of having a good collection of books, current periodicals and a reading room, cannot be expressed in dollars and cents. With use comes, of course, wear, and the need of additional purchase, for replacement becomes a larger item each year; a

book that is worn out in service almost invariably represents a book that is of special interest to our citizens, either young or old. If the book is one that has merit, in and of itself, it is the kind of book that we ought to keep on our shelves and for that reason the replacement should be purchased as speedily as possible, so that books of this sort may be constantly available.

We believe that our reference library should be enlarged and we look forward the coming year to an addition of many volumes to it.

We receive government reports, a great many of them of great interest to farmers: We have had in mind getting the farmers who come into town and have a half hour to spend, to make use of our reading rooms, and we hope to do something along this line the coming year.

We wish to call your attention to the Oak Park branch library. We believe that we are doing a good work in the east part of our city. Our library there is small and we hope to increase its size during the coming year. Our books from the branch go into three hundred households and the number is increasing. Our reading room in the branch is well patronized. Last winter, night after night, there were two boys in each chair we had, looking over books and magazines, and we are certain that the boys are getting an uplift in the right direction.

Many of the books in the branch are badly worn and we hope that your honorable body will consider it a wise move to increase the number of books; to do this, of course, we must have the funds. We have been able to add but 490 volumes to our library during the past year, taking into account the branch library in the east, and we believe that our needs of the coming year call for a greater number of books.

There is a necessity for some outlay for repairs to both main and branch library and we should have a reasonable amount of money to spend in beautifying our grounds in connection with improvements that are contemplated on the Hannah Park adjoining our main library. We would,

therefore, earnestly request your honorable body to make us an appropriation the coming year of \$3,500.

Our library is a matter of civic pride and we believe that our request will meet with your approbation.

By studying the librarian's report in detail, we believe that your honorable body will be convinced that the public library is doing a good work for the people of Traverse City and that its usefulness is fully appreciated by its patrons and that its growth should be amply provided for by an appropriation sufficient to properly support this important branch of public information and education.

Our aim is "Good today, better to-morrow."

The value of the library property owned by the city April 30th, 1909, is:

Library building, including grounds and furniture	\$30,000 00
Furniture Oak Park branch	200 00
Books in main and branch building	10,000 00

Total\$40,200 00

RECEIPTS. Library.

For—

Transfers	\$ 201 54
Judge of Records court fines	173 25
Library fines	77 00
Furniture sold	19 00
1908 tax—summer assessment	2,820 79
Rebate—over pay	15 00

Total\$3,306 58

Transfers	201 54
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Actual receipts\$3,105 04

DISBURSEMENTS.

Library.

Librarian	\$ 412 75
Asst. librarian	408 15
Janitor	420 00
Librarian Oak Park	311 05
Light	187 84
Laundry	10 00
Freight, cartage and express	13 22
Telephone	4 86
Miscellaneous supplies	78 59
Water	19 50
Books	538 57
Magazine subscriptions	117 55
Binding magazines	222 08
Proceeding's book	13 50
Music	3 00
Lawn and plants	10 90
Repairs to building	71 02
Expense state library convention	4 76
Fuel, coke	372 46
Substitute work	31 85
Transfers	201 54

Total\$3,453 19

Transfers 201 54

Actual disbursements\$3,251 65

The above statement of receipts and disbursements was furnished by the city clerk.

MRS. E. B. MINOR,
E. L. EDWARDS,
LEON F. TITUS,

Library Trustees.

City Weighmaster

3724—Report of city weighmaster for the year ending April 19th, 1909:

2022 loads of potatoes	
990 loads of hay	
175 loads of corn	
162 loads of oats	
17 loads of wheat and rye	
5 loads of buckwheat	
56 loads of straw	
21 loads of beans and peas	
42 loads of carrots	
25 loads of apples	
171 loads of iron	
32 loads of rubbers, rags, copper	

and brass

452 loads of coke
216 loads of coal
6 loads of furniture
65 loads of ice
44 loads of stone
9 loads of poultry
17 loads of bones
1967 head of live stock
24 loads of cornstalks.

Respectfully,

F. A. WINNIE,
City Weighmaster.

Health Officer

3718—Gentlemen—I present herewith the report of the health officer of Traverse City for the year beginning May 1st, 1908, and ending April 26th, 1909.

Number of births 215 of which 114 were male and 101 female .

Number of deaths 279 of which 130 occurred at the asylum making 149 in this city.

Causes of death.

Tuberculosis	32
Pneumonia	17
Typhoid fever	7
General paresis	24
Diseases of the heart	31
Diseases of the bowels	37
Diseases of the kidney	17
Diseases of the stomach	9
Diseases of the brain	32
Diseases of the liver	4
Pernicious anemia	8
Old age	18

Scarlet fever	1
Blood poisoning	4
Other diseases not classified	38

Number of contagious diseases reported 144, classified as follows:

Typhoid fever	61
Measles	56
Scarlet fever	20
Diphtheria	4
Small-pox	3

There have also been some fifty or sixty cases of whooping cough, but as a rule these are not reported to the health officer.

Number of complaints of various kinds	117
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Number of investigations made ...	92
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Number of water analyses	5
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Number of milk analyses	4
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Respectfully submitted,

G. A. HOLLIDAY, M. D.,
Health Officer.

City Scavenger

Traverse City, Mich., April 24, 1909.
The annual report of the city scavenger April 24, 1908, to April 24, 1909:

Cleaned 235 water closets and six cess pools.

Drew out 44 horses, one cow, one hog, 25 dogs and two mules.

Killed 39 dogs.

W. G. STRUBLE,
City Scavenger.

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ANNUAL REPORTS OF THE CITY

OF TRAVERSE CITY, MICHIGAN

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ANNUAL REPORTS

of the

City of Traverse City Michigan



**Fiscal Year Beginning May 1st 1909
to April 30th, 1910**

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ANNUAL REPORTS

of the

City of Traverse City

Traverse City, Mich., April 25, 1910.
To the Mayor and City Council, Traverse City, Mich.

4172—Gentlemen: I present herewith my annual report as city clerk of Traverse City for the fiscal year beginning May 1, 1909 and ending April 30, 1910.

The following is a statement of Receipts into and the Disbursements from the various funds:

Contingent—Receipts.

Bal. May 1, 1909	\$ 106 13
Loans	6 739 79
Interest on deposit	2 761 99
Refunds	124 75
Recorder's Court costs.....	61 50
Del. tax and tax sales, Co. Treas	2 407 43
1909 tax fees, summer	276 74
Winter	310 19
Over run tax roll—	
State	35 45
County	44 30
County road	21 23
Expenses, spl. assessors, improvement, transfer	177 00
County refund, pest house cases	107 53
Material sold	3 75
Cleaning premises, etc., ...	17 00
Licenses—	
Moving pictures	50 00
Opera house	50 00
Wholesale liquor	75 00
Retail liquor	4 600 00
City's proportion, county retail liquor	5 643 00
City's proportion, county wholesale liquor	131 18
Auction	10 00
Dray	181 00
Plumbers	25 00
Pcoj and billiards	60 00
Hack	49 00
Auto bus	7 00
Boat	1 00
Buildng movers	24 00
Hawkers and peddlers ..	81 00
Shooting gallery	3 00
Refreshment stand	17 00
Show cases and curio	56 00

Cane rack, wheel of fortune, etc.	5 00
Transient photographers..	2 00
Canvassing	2 00
Closing out sale	50 00
	<hr/>
	\$24 316 96

Contingent—Disbursements.

Transfers—	
Printing	\$ 157 05
Library	146 61
Notes and interest	13 963 88
Express, freight and cartage	15 61
Janitor	63 70
Postage	268 12
Elections—	
Special elec. 11-17-09....	35 40
Enrollment, 1-10-10	65 25
Primary elec., 3-15-10....	217 35
Election, 4-4-10	249 00
Registration, 3-15-10....	83 50
Enrollment	42 50
Genl election supplies.....	24 50
Election registers for women	8 75
Health officer—	
Supplies, etc.	40 00
Disinfecting	166 00
Supervisors services—	
Board of health	108 00
Special assessors	94 00
Making annual assessment rolls	896 15
Making special assessment rolls	110 00
Board of review	10 00
Supplies and plat books..	26 00
General office supplies	96 29
Supplies—	
Clerk	21 85
Treasurer	54 41
Engineer	15 55
Printing and stationery ...	123 65
Telegrams	18 05
Sewage disposal investigation	123 09
Laundry	3 32
Flowers	1 00
Clerk	582 00
Clerk hire, Treas.	100 00
Supplies, meat and milk Inspector	14 90

Telephone and toll	47 54	Printing—Disbursements.	
Typewriting and supplies, city attorney	37 50	Balance, May 1, 1909	\$ 90 00
Livery	12 75	Council Proceedings	553 50
Barn rent	12 50	Board of Education Proceed- ings	169 95
Rent, city offices	1 000 00	Bids:	
Rent, Fifth ward hall	25 00	Custody of funds	1 80
Expense, city ambulance ..	33 15	Sewer, pipe and heating....	8 10
Albert Prang account	752 19	Bond	2 40
Paving assessments	29 50	Coal	1 20
Taxes paid	50 05	Cement	3 60
1909 erroneous assessment.	142 99	Gravel and sand	3 60
1909 personal tax refund ..	397 14	Notices:	
Advertising park bonds	19 50	Webster St. Paving	34 20
Binding council proceedings	38 00	Webster St. Sewer	32 40
Advances, county pest house cases	107 53	Eighth St. Paving	15 00
Bal. account piling mouth of Boardman river	750 00	Eighth St. Sewer	7 80
Supplies, lumber, mouth of Boardman river	5 71	Ninth St. Paving	25 80
Expense, cleaning Board- man river	16 73	Fifth St. Paving	7 20
Removing scow from river.	6 00	Meat and Milk Insp.	1 65
Magazine subscriptions....	3 00	Lat. Sewer 'I' Dist. 4.....	21 15
Labor on adding machine..	4 50	Ordinances	10 35
Expense, street paving jun- ket	117 00	Board of Review	16 20
Services assistant health of- ficer	169 00	Lateral Sewer No. 3, Dist. No. 8	28 20
Recorders' court supplies...	15 50	Water	8 65
Justice supplies	80 00	Pound Master	1 95
Expense, care of deer and deer park	30 69	Misc'l notices.....	8 40
City scavenger	28 60	General Tax	80 40
Expense, Petoskey re-crush- stone	10 00	Special Election, 11-17-09..	25 20
Surveying	4 00	Enrollment, 1-10-10.....	4 20
Insurance	69 50	Primary Election, 3-15-10..	18 00
Central school sewer, labor and supplies	11 75	Registration, 3-15-16-10	10 80
Dues, League of M. M.....	15 00	Election, 4-4-10	24 60
Building inspectors	7 50	Enrollment, 4-4-10.....	10 80
Expense, ward buildings ..	2 63	Clean up	1 80
Appropriations—		Mayor's Proclamation	9 75
G. A. R., 5-31-09	92 64	Council Pamphlets	110 70
Maccabee Ass'n	200 00	Board of Education Pamph- lets	25 20
Old Settlers	25 00	Annual Reports	12 80
G. A. R., 5-31-09	92 64	Water	623 05
Grange meetings	171 54	Interest	6 57
	<hr/>		<hr/>
	\$22 705 86		\$2 016 97
Printing—Receipts		Fire.	
Transfers, county	\$ 157 05	Receipts.	
Transfers, official printing for improvements	244 10	Balance May 1, 1909.....	658 55
Temporary loan	623 03	Temporary Loan	1 541 56
1909 tax	1 420 92	1909 Tax	15 852 13
	<hr/>	Refund—over pay	3 25
	\$2 445 12	Pay'mt—Chemical Engine	50 00
		Transfer—Labor, extra fire team—Ward 1	82 12
		Transfer—Labor, extra fire team—Ward 2	2 25
		Transfer—Labor, extra fire team—Ward 3	14 25
		Transfer—Labor, extra fire team—Ward 4	17 45

Transfer—Gen. Street:	
Hose	55 00
Gaskets	9 75
Expansion rings	9 00
Wrenches	2 00
Nozzle	25 00

\$18 322 31

Fire Department.**Disbursements.**

Regular	\$ 5 667 20
Hose Co. No. 1.....	129 50
Hose Co. No. 2.....	3 50
Hose Co. No. 3.....	179 25
Hose Co. No. 4.....	146 00
Hose Co. No. 5.....	132 50
Hook and Ladder Co.....	304 75
Light	51 60
Telephone	36 00
Water	11 55
Heating	200 00
Freight, Ctge and Express.	16 60
Veterinary and Medicine ..	43 70
Horseshoeing	88 50
Draying and extra team ..	4 90
Battery Supplies	43 45
Laundry	24 00
Dept. Expense	212 05
Gas	17 16
Expense, Firemen's Conven-	
tion	125 00
Heating Plant	265 00
Barn rent	57 50
Hydrant rental—Transfer ..	7 350 00
Repairs to Bldg	77 54
Repairs, Equipment	103 14
New Equipment	748 56
Meals and Lunches	11 00
Hose, connections, etc.....	43 50
Board of Fire team.....	28 00
Hay	288 00
Oats	206 62
Feed, bran, etc.....	144 92
Straw	49 90
Carrots	6 50
Wood	4 50
Coal	175 49
Coke	3 90
Notes	1 541 56
Interest	11 01

\$18 553 85

Salaries.**Receipts.**

Balance May 1, 1909.....	\$ 643 65
Temporary loan	1 408 76
1909 Tax	8 525 51
County Share—Judge Re-	
corder's Court Salary ...	233 33

\$10 811 25

Salaries.**Disbursements.**

T. H. Gillis, City Clerk...	1 800 00
R. S. Hastings, City Treas-	
urer	1 200 00
W. R. Caldwell, Engineer..	10 00
C. H. Martin, Engineer....	652 90
G. A. Holliday, Health Of-	
ficer	300 00
F. H. Pratt, City Attorney.	300 00
A. F. Nerlinger, Judge of	
Recorder's Court	500 00
W. D. C. Germaine, Mayor	300 00
H. J. Getman, Meat and	
Milk Insp.	360 00
J. F. Haden, Alderman...	180 00
J. H. Lamson, Alderman..	99 96
M. Winnie, Alderman ...	95 04
A. W. Rickerd, Alderman..	200 00
F. R. Goodrich, Alderman..	200 00
W. H. Abbott, Alderman ..	195 00
F. E. Lahym, Alderman....	195 00
Jas. Murchie, Alderman...	200 00
L. F. Perkett, Alderman..	185 00
G. F. Smith, Alderman....	195 00
W. E. Moon, Alderman....	200 00
E. C. Hogan, Board of Pub-	
lic Works	200 00
J. H. McGough, Board of Pub-	
lic works	200 00
Thos. Shane, Board of Pub-	
lic Works	200 00
Notes	1 408 76
Interest	9 90

\$9 386 56

Interest and Sinking.**Receipts.**

Balance, May 1, 1909.....	\$10 657 82
Del Tax and County Tax	
Sales, Co. Treasurer....	161 23
1909 Tax—Summer Assess-	
ment	8 320 33
1909 Tax—Re-assessed	649 05

\$19 788 43

Interest and Sinking.**Disbursements.**

Refunding Bonds	1 400 00
Bridge Bonds:	
Principle	180 00
Interest	450 15
Street Intersection:	
Cass and Union St.....	157 50
Wash. and 8th St.....	292 50
Interest—\$7,000 issue	157 70
Interest—\$13,000 issue	292 80

\$2 930 65

Police.	
Receipts.	
Balance, May 1, 1909	\$ 94 63
Temporary Loan	988 02
1909 Tax	4 662 39

\$5 745 04

Police.	
Disbursements.	
Regular	\$ 4 376 67
Special	48 00
Light	11 20
Telephone and Toll	62 67
Horseshoeing	10 55
Dept. Expense	19 54
Livery and Dray	16 00
Lodging, Meals	6 75
Equipment and Repairs...	14 11
Repairs to Lockup	2 50
Rent	70 00
Furniture for office	22 08
Convention Expense	46 50
Board of strayed horse....	2 00
Hay	32 82
Oats	62 31
Bran and feed	5 20
Straw	3 07
Demand Notes	988 02
Interest	8 30

\$5 808 29

Library.	
Receipts.	
Transfer—Contg.	\$ 146 61
Temporary Loan	558 18
1909 Tax	3 818 73
Book fines	61 90
Recorder's Court fines	90 00
County Court fines	444 32
Furniture sold	5 00
Over pay	8 10

\$5 132 84

Library.	
Disbursements.	
Overdrawn balance, May 1, 1909	\$ 146 61
Librarian	415 60
Ass't Librarian	304 00
Librarian—Oak Park	295 80
Janitor—Oak Park	2 00
Janitor	447 50
Extra labor and substitute work	35 75
Light	178 13
Laundry	5 00
Freight, Ctge and Express.	11 68

Telephone	8 00
Water	18 50
Misc'l supplies	83 10
Books	821 28
Magazine Subscriptions ..	129 25
Printing and Stationery ..	34 50
Repairs to Building.....	102 67
Pipe covering	50 00
Electrical wiring, etc	54 02
Plants, etc.	16 00
Coke	331 07
Demand Notes	558 18
Interest	4 90

\$4 044 54

Light.	
Receipts.	
Balance May 1, 1909.....	\$ 1 260 60
Notes	187 54
1909 Tax	5 994 49
Lights Out	61 34

\$7 503 97

Light.	
Disbursements.	
Streets	\$ 6 234 17
Alleys	180 00
City Offices	51 04
3rd Ward Bldg	6 00
Lamps	9 20
Demand Notes	187 54
Interest	84

\$6 668 79

Water.	
Receipts.	
Balance, May 1, 1909.....	\$30 475 26
Schedule Rates	12 314 75
Meter Rates	4 903 38
Meter Rental	357 50
Taps	1 114 50
Installing Meters	86 00
Iron and steel sold.....	178 11
Pipe and fittings sold	40 63
Hose sold	9 00
Doors, bbls, etc., sold.....	12 90
Rebate—over pay	13 75
Lumber sold	41 75
Loan of Tapping machine..	6 00
Extra water, Bldg purposes, etc	86 00
Transfers:—	
Hydrant Rental—1909 tax	
—cemetery	250 00
Hydrant Rental—1909 tax	
—Fire	7 350 00
Street Sprinkling—St.	
Dist. No. 1	95 00
Street Sprinkling—St.	
Dist. No. 2	63 00

Street Sprinkling—St.	
Dist. No. 3	95 00
Street Sprinkling—St.	
Dist. No. 4	43 00
Street Sprinkling—St.	
Dist. No. 5	54 00
Return Premium, Insurance	8 00
Water, Catholic cemetery..	31 00
Water, County Grounds,	
1907-'08-'09	195 00
	<hr/>
	\$57 823 53

Water.
Disbursements.

Office.

Superintendent	\$ 1 506 67
Clerk	302 00
Stationery and Printing...	108 75
Insurance	125 00
Loans	3 000 00
Interest	5 686 83
Rebates	72 69
Charge against taps.....	1 00
Inspection	128 25

Pumping.

Engineers	\$ 1 507 00
Firemen	1 098 25
Fuel—	
Coal	380 83
Wood	1 538 75
Oil, water and packing....	330 80
Light	120 29
Telephone	12 00
Boiler No. 1	9 57
Boiler No. 2	21 33
Equipment	37 66

Maintenance.

Intake	\$ 49 79
Pumps	194 83
Boilers	19 22
Aux Machinery	74 18
Buildings	77 01
Main	383 82
Hydrants	259 32
Rpg and Testing Meters..	166 64
Hose and Attachment	9 24
Extra Labor	168 00
Telegrams	40

Construction.

Labor	\$ 1 757 21
Material	1 084 69
Draying	32 08
Valves	385 50
Hydrants	1 043 00
Taps	1 546 18
Meters	479 00
Tools	63 44
Stack	85
New Pumps	17 176 17

New Building	3 279 18
Pump foundations	370 78
Cement Sidewalk	42 80

\$44 642 00

General Sewer.

Receipts.

Balance, May 1, 1909.....	\$ 272 46
Temporary Loans	585 96
Sewer Tile	19 80
Private Sewer connections.	73 44
Del Tax Co. Treas and Tax	

Sales—

Trunk No. 8	67 71
Lat. No. 2, Dist. No. 8..	134 52

\$1 153 89

General Sewer.

Disbursements.

Notes and Interest	\$ 166 80
Gen'l Repairing	74 57
Livery	1 00
Draying	33 65
Sewer pipe	97 35
Oil, etc.,	91
Tools and Equipment	12 90
Lumber	16 08
Wellington St. Sewer—	
Labor	384 61
Draying	6 50
Supplies, tools, etc.....	21 79
Sewer pipe	92 00
Cement	3 23
House Connection, 8th St.	
Boardman Ave., to We-	
llington St.	100 73
Extra Labor—Lat. 5, Dist.	
No. 1	19 12
Demand Notes	8 07
Interest	05

\$989 36

Bridge—Receipts.

Balance, May 1, 1909	\$ 2 753 70
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Bridge—Disbursements.

Cleaning bridges	\$ 25 84
Repairing bridges—	
Cass street	6 65
Park street	46 46
N. Union street	35 15
S. Union street	55 55
Sixth street	35
Oil	30
Nails	19 60
Lumber	508 42
Piling lumber	14 87
Bridge timbers	1 470 91
Inspection of lumber	23 32
Cement	40
Tools	2 00

\$ 2 209 82

Cemetery—Receipts.

Balance, May 1, 1909.....	\$ 1 183 62
Lots sold, fiscal year.....	550 00
Lots del. May 1, 1906.....	20 00
Burials, fiscal year.....	573 00
Removals	47 00
Care of lots, fiscal year—	
From May 1, 1909 to Apr.	
30, 1910	698 00
From May 1, 1910, to Apr.	
30, 1911	60 50
Care of lots, season of 1906	6 50
Care of lots del. May 7, '06.	4 00
Grading lots	368 78
Extra labor on lots	112 25
Foundations	43 75
1909 tax	488 44
Vault services	1 00
Putting up tents	10 50
	<hr/>
	\$4 167 34

Cemetery—Disbursements.

General labor	\$ 565 13
Sexton	780 00
Horse hire	120 00
Care of lots	288 84
Care of flowers	14 20
Cutting grass	34 28
Draying and expenses	3 80
Soil	190 50
Sod	56 10
Seed	3 00
Tools, repairs, etc.....	124 97
Rebate	22 50
Telephone	12 00
Cement	2 25
Signs	7 80
Deed book	16 00
Water	9 25
New addition—	
Labor	87 74
Lumber	7 39
Nails, staples, etc.	5 29
Stakes	15 00
Markers	67 88
Freight, cartage, etc.	15 80
Cement walk—	
Labor	45 85
Gravel	2 31
Sand	2 31
Cement	16 98
Transfer: water hydrant	
rental	250 00
Lot re-deeded to city	20 00
Appropriation to Ladies'	
Cemetery Ass'n	50 00
	<hr/>
	\$ 2 837 17

Park Receipts.

Balance, May 1, 1909.....	\$ 1 218 75
1909 tax	976 88
Sale of hose	7 50
	<hr/>
	\$ 2 203 13

Park—Disbursements.

Hannah park—	
Labor and care of	\$ 345 33
Trees and shrubbery	312 50
Filling	103 51
Hauling gravel	24 80
Labor and material, steps	113 27
Sod	24 00
Cutting and hauling sod..	41 00
Lumber	36 29
Freight, ctg., draying, etc.	21 82
Hydrants	8 25
Grading P. M. R. of way.	60 36
Tools, equipment, etc. ...	59 62
Pipe, labor, etc.	17 00
Seed	20 77
Gravel and sand	5 39
Vases	25 80
Lake Ave. park—	
Care of	84 07
Flowers	11 50
	<hr/>
	\$1 315 28

General Street Receipts.

Balance, May 1, 1909.....	\$ 767 79
Market Receipts	616 50
Dog Licenses	557 00
Street Cleanings sold	3 75
Gravel sold	219 88
Fertilizer	50
Hay	85 85
Horse sold—Poundmaster..	5 50
1909 Tax	2 664 22
Del. Tax—County Treasurer—	
Gen. Street	98
Cement Walks	631 06
Tax Sales—Co. Treas.....	7 50
Transfers—	
8th St. No. 2—Stone used	579 60
5th St. Imp.—Stone used..	139 50
Wadsworth Street Imp.	
—Stone used	25 20
5th St. Imp.—Use of Road	
Roller, etc.	170 00
8th St. Imp. No. 2.....	222 00
	<hr/>
	\$ 6 696 83

General Street Disbursements.

St. Commissioner's salary...	\$ 1 248 00
Caring for city market	273 19
City market sewer	71

Light—city market	7 00	General repair	370 60
Wood—city market	15 65	Gravel	3 30
Supplies—weighmaster	28 35	Cleaning crosswalks	6 11
Soil—city market	3 65	Picking up stone	6 37
Weighmaster's salary.....	660 00	Hauling brush and leaves ..	36 05
Tools, repairs, etc.	1 066 92	Snow plowing	67 70
Dog tags	33 38	Leveling snow	32 93
License plates	21 00	Shoveling snow	145 09
Flushing sewer	8 74	Hauling snow	134 96
Draying, freight and ctge..	46 88	Gutter plow	3 91
Expense grading and gravel-		Cutting trees	5 86
ing E. Bay road	100 98	Repairing walks	2 00
15 per cent dog tax—pound-		Cutting weeds	8 74
master	70 35	Cleaning catch basins	45 10
Killing and burying dogs..	209 40	Repairs to cement walks..	32 09
Livery—city engineer.....	7 00	Cement walk built	10 00
Supplies—city engineer....	13 72	Repairs to paving	1 60
Services and expense of		Cement walks—	
engineer work	57 00	Filling	154 53
Paving tax	74 15	Labor	303 34
Inlet, curb and street forms	11 50	Gravel	109 34
Telephone	15 00	Sand	36 43
Acct Webster St. paving..	75 25	Draying	4 75
Supplies	35	Cement	167 81
Hay	101 00	Oil	64
Extra allowance, St. Com'r.	100 00	Transfers—	
Hay, oats, etc., St. Com'r		Labor, fire team, fire de-	
horse	53 28	partment	82 12
Transfer—		Water, water for sprinkling	95 00
Tarvia on hand	168 87		
Freight on tarvia	25 98		\$ 4 209 21
Street signs	96 00		
Repairing walks—			
Labor	7 17		
Nails	50		
Cement sidewalks—			
Labor	6 75		
Gravel	20 79		
Tools and equipment	20 89		
Stakes	19 34		
Repairs to outfit	8 00		
Lumber	20 23		
Oil	45		
	\$ 4 697 42		
Street Dist. No. 1.		Street Dist. No. 2.	
Receipts.		Receipts.	
Balance May 1, 1909.....\$	1 502 50	Balance, May 1, 1909.....\$	199 08
Del. tax and tax sales, Co.		Temporary loan	1 691 62
Treas.	50 89	Del. tax and tax sales, Co.	
1909 tax, summer assess-		Treas.	56 21
ment	4 104 86	1909 tax—summer assess-	
1909 cement walks	598 80	ment	2 303 36
1909 tax—re-assessed.....	220 49	1909 tax re-assessed.....	287 48
	\$ 6 477 84	1909 cement walks	941 37
		1909 cement walks re-as-	
		essed	428 51
		1909 cement walks fees....	12 16
			\$ 5 919 79

Street Dist. No. 1.		Street Dist. No. 2.	
Disbursements.		Disbursements.	
Labor, cleaning pavement..\$	1 260 66	Labor, cleaning pavement..\$	213 57
Hauling dirt from pave-		Hauling dirt from pavement	44 19
ment	297 28	Sprinkling	550 60
Sprinkling	784 90	General repair	653 57
		Cleaning cross walks.....	11 08
		Picking up stone	27 65
		Hauling brush and leaves..	6 67
		Snow plowing	147 17
		Snow shoveling	88 25
		Road grader	7 20
		Repairing walks	7 16
		Cutting weeds	25 02

Filling in alley between 3rd and Front Sts.	38 63	Sand	44 66
Interest—temporary loan cement walks—		Cement	280 23
Filling for walks	653 72	Supplies	1 30
Draying	11 50	Demand notes	389 60
Labor	723 71	Interest	1 96
Sand	119 35	Transfers—	
Gravel	478 94	Fire Dept., fire team la-	
Supplies	1 84	bor	14 25
Cement	1 147 82	Water, St. sprinkling	95 00
Transfers—			\$ 3 495 26
Fire Dept. labor of fire team	2 25		
Water, St. sprinkling	63 00		
	\$ 5 147 70		
Street Dist. No. 3.		Street Dist. No. 4.	
Receipts.		Receipts.	
Balance, May 1, 1909.....\$	554 07	Balance, May 1, 1909.....\$	41 65
Temporary notes	389 60	Temporary loans	905 72
Del. tax and tax sales, Co.		Del. tax and tax sales, Co.	
Treas.	58 82	Treas.	26 05
1909 tax—summer assess-		1909 tax—summer assess-	
ment	2 324 98	ment	1 808 34
1909 tax re-assessed	152 06	1909 tax re-assessed	169 90
1909 cement walks	358 70	1909 cement walks	317 85
1909 cement walks re-as-		1909 cement walks re-as-	
sessed	196 65	sessed	88 18
1909 cement walks fees....	3 91	1909 cement walks fees	1 99
	\$ 4 038 79		\$ 3 359 68
Street Dist. No. 3.		Street Dist. No. 4.	
Disbursements.		Disbursements.	
Labor cleaning pavement..\$	523 68	Labor, cleaning pavement..\$	336 12
Hauling dirt from pavement	183 33	Hauling dirt from pave-	
Sprinkling	272 60	ment	76 59
General repair	436 45	Sprinkling	279 00
Cleaning cross walks	6 47	General repair	306 68
Picking up stone	6 52	Cleaning cross walks	6 20
Hauling brush and leaves ..	18 63	Picking up stone	2 62
Snow plowing	108 33	Hauling brush and leaves ..	8 90
Shoveling snow	80 31	Snow plowing	40 12
Leveling snow	2 21	Leveling snow	6 63
Gutter plow	26	Shoveling snow	30 94
Hauling snow	9 67	Hauling snow	26 57
Sanding walks	1 05	Road grader	1 20
Cement—catch basin	36	Cutting weeds	31 15
Road grader	2 40	Repairing walks	35
Cutting weeds	17 50	Repairing cement walks....	20 48
Repairing walks	70	Cleaning catch basins.....	6 81
Repairs to cement walks ..	19 67	Cement walks—	
Cleaning catch basin	6 67	Tearing up and filling....	28 03
Labor, etc., catch basin,		Labor	252 49
Pine and 11th Sts., etc...	128 84	Gravel	97 15
Cement sidewalks—		Sand	22 33
Tearing up and filling ...	64 88	Draying	3 75
Draying	5 00	Cement	427 43
Labor	588 70	Demand notes	905 72
Gravel	184 03	Interest	8 76
		Transfers—	
		Fire Dept., labor fire team	17 45
		Water—St. sprinkling ...	43 00
			\$ 2 986 47

Street Dist. No. 5.**Receipts.**

Balance, May 1, 1909	\$ 344 41
Temporary loan	1 797 17
Refund—over pay	1 75
Del. tax and tax sales, Co. Treas.	141 58
1909 tax—summer assessment	1 525 14
1909 tax re-assessed	245 72
1909 cement walks	936 43
1909 cement walks re-assessed	557 86
1909 cement walk fees	14 82
Labor on cement sidewalk, cemetery	45 85

Street Dist. No. 5.**Disbursements.**

Labor, cleaning pavement..	\$ 81 40
Hauling dirt from pavement	29 48
Sprinkling	266 00
General repair	446 55
Gravel	61 60
Cleaning cross walks	1 57
Picking up stone	11 50
Hauling brush and leaves ..	6 67
Snow plowing	143 93
Shoveling snow	86 69
Cutting weeds	41 11
Repairing walks	13 55
Repairs to cement walks...	25 34
Graveling and filling for Woodmere Ave.	705 02
Labor, etc., catch basin, Hope and Front, etc....	32 01
Cement sidewalks—	
Supplies	3 63
Tearing up and filling ..	183 16
Labor	835 16
Gravel	375 76
Sand	86 24
Drying	13 30
Cement	1 001 38
Tar felt	82
Demand notes	516 24
Interest	32 42
Transfers—	
Water—St. sprinkling....	54 00
	<u>\$ 5 054 58</u>

Cass St. Ex. Imp.**Receipts.**

Balance, May 1, 1909	\$ 43 75
Fourth installment—	
Principal	339 44
Interest	33 95
	<u>\$ 417 14</u>

Cass St. Ex. Imp.**Disbursements.**

Rebates	\$ 11 72
Notes	381 14
Interest	38 10

\$ 430 96**Front and Union St. Imp.****Receipts.**

Balance, May 1, 1909	\$ 28 15
Del. tax, Co. Treas.	31 29

\$ 59 44**East Front St. Imp.****Receipts.**

Balance, May 1, 1909	\$ 507 06
Notes	3 110 00
Del. tax, Co. Treas.	44 45
Fifth installment—	
Principal	636 51
Interest	32 59
Fifth installment, re-assessed 1909 tax roll	169 63

\$ 4 500 27**East Front St. Imp.****Disbursements.**

Notes	\$ 4 105 17
Interest	171 56
Rebates	426 30

\$ 4 703 03**East State St. Imp.****Receipts.**

Balance, May 1, 1909	\$ 1 925 84
Del. tax and tax sales, Co. Treas.	691 83
Temporary notes	4 586 16
Fifth installment—	
Principal	2 728 91
Interest	145 19
Fifth installment, re-assessed 1909 tax roll	433 82

\$10 511 75**East State St. Imp.****Disbursements.**

Notes	\$ 9 435 75
Interest	492 01

\$ 9 927 76**West Front St. Imp.****Receipts.**

Balance, May 1, 1909	\$ 817 75
Fifth installment—	
Principal	3 646 73

Interest	181 97
Fifth installment, re-assessed	243 00
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	\$ 4 889 45

**West Front St. Imp.
Disbursements.**

Notes	\$ 3 448 55
Interest	172 43
Rebates	1 794 74
	<hr/>
	\$ 5 415 72

South Union St. Imp.

Receipts.

Balance, May 1, 1909	\$ 2 361 45
Del. tax, Co. Treas.....	86 96
Fourth installment—	
Principal	1 359 56
Interest	136 05
Fourth installment re-assessed tax roll 1909.....	444 25
Fifth installment—	
Principal	109 19
Interest	4 13
	<hr/>
	\$ 4 501 39

South Union St. Imp.

Disbursements.

Rebates	\$ 192 65
Notes	3 197 91
Interest	319 80
	<hr/>
	\$ 3 710 36

Washington St. Imp. No. 1.

Receipts.

Balance, May 1, 1909	\$ 1 141 98
Notes, temp.	1 274 62
Del. tax, Co. Treas.	214 76
Third installment—	
Principal	2 257 84
Interest	342 72
Third installment, re-assessed, winter tax roll, 1909..	394 56
Fourth installment—	
Principal	8 00
Fifth installment—	
Principal	8 00
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	\$ 5 642 48

Washington St. Imp. No. 1.

Disbursements.

Notes	\$ 4 586 00
Interest	583 80
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	\$ 5 169 80

Eighth St. Imp. No. 1.

Receipts.

Balance, May 1, 1909	\$ 2 963 51
Notes, temporary	289 95
Del. tax and tax sales, Co. Treas.	76 38
Third installment—	
Principal	2 813 57
Interest	434 89
Third installment, re-assessed tax roll 1909	516 20
Fourth installment—	
Principal	292 53
Interest	2 42
Fifth installment—	
Principal	323 15
Interest	5 55
	<hr/>
	\$ 7 718 15

Eighth St. Imp. No. 1.

Disbursements.

Notes	\$ 5 126 35
Interest	732 42
	<hr/>
	\$ 5 858 77

Lateral Sewer "H," Dist. No. 4.

Receipts.

Balance, May 1, 1909	\$ 137 16
Installments	75 63
Interest on installments ...	1 04
Loans	94 42
Assessed winter tax roll 1909	14 30
	<hr/>
	\$322 55

Lateral Sewer "H," Dist. No. 4.

Disbursements.

Notes	\$ 168 02
Interest	3 48
Labor	91 42
Draying	3 50
Sewer pipe	3 90
Transfers—	
Printing	38 15
	<hr/>
	\$308 47

Lateral Sewer No. 6, Dist. No. 1.

Receipts.

First Installment—	
Prin.	\$ 101 54
Interest	22
Second Installment—	
Prin.	23 76
Interest	27
Third Installment—	

Prin.	23 75
Interest	27
Fourth Installment—	
Prin.	23 76
Interest	26
Fifth Installment—	
Prin.	23 76
Interest	26
Additional Connections ...	22 37
Notes	860 17
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	\$1 080 39

Lateral Sewer No. 6, Dist. No. 1.**Disbursements.**

Sewer pipe	\$ 189 88
Draying	13 40
Labor	219 76
Cement	2 97
Extending Sewer	65 33
Transfers—	
Printing—official proceed-	
ings	32 40
Contg., Sp. Assessors...	20 00
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	\$543 74

Wharf.**Receipts.**

Balance May 1, 1909.....	\$ 68 00
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Lateral Sewer No. 1, Dist. No. 7.**Receipts.**

Balance May 1, 1909.....	\$ 51 12
Installments	295 47
Int. on Installments	1 80
Loan	133 22
Private Connections	22 46
	<hr/>
	\$504 07

Lateral Sewer No. 1, Dist. No. 7.**Disbursements.**

Notes	\$ 239 02
Interest	5 12
Labor	122 05
Draying	3 75
Sewer pipe	1 01
Cement	71
	<hr/>
	\$371 66

Washington Street Imp. No. 2**Receipts.**

Balance May 1, 1909.....	\$ 1 492 87
Refund, Interest	1 78
Second Installment—	
Prin.	861 02
Interest	172 56

Second Installment, Re-as-	
sessed tax roll 1909.....	37 44
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	\$2 565 67

Washington Street Imp. No. 2**Disbursements.**

Rebate	\$ 124 77
Notes	2 131 90
Interest	259 38
	<hr/>
	\$2 516 05

Park Street Improvement.**Receipts.**

Balance May 1, 1909.....	\$ 1 153 47
Second Installment. As-	
sessed winter tax roll	
1909	166 82
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	\$1 320 29

Park Street Improvement.**Disbursements.**

Water	\$ 1 069 20
Interest	129 30
	<hr/>
	\$1 198 50

Eighth St. Imp. No. 2.**Receipts.**

First Installment—	
Prin.	\$ 1 135 06
Interest	2 37
Second Installment—	
Prin.	101 64
Interest	10
Third Installment—	
Prin.	101 67
Interest	10
Fourth Installment—	
Prin.	101 65
Interest	10
Fifth Installment—	
Prin.	101 64
Interest	10
Sale of Notes	7 806 83
Transfers—	
Unused Tarvia	203 01
Freight	21 00
Refund—freight on stone..	1 00
First Installment —Re-as-	
sessed, tax roll 1909....	218 06
Intersection Bonds	1 043 27
	<hr/>
	\$10 837 60

Eighth St. Imp. No. 2.**Disbursements.**

Labor	\$ 2 686 55
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Sand	39 27	Tools	23 68
Gravel	150 92	Sewer Pipe	21 61
Sewer Pipe	6 54	Team Work	10 20
Tools, etc.	14 45	Telegrams	1 45
Catch basins	130 00	Gravel	118 58
Gen'l Supplies	10 45	Sand	29 26
Cement	363 24	Tarvia	592 51
Draying	3 00	Freight on Tarvia	86 27
Man holes and covers	19 00	Stone	1 031 72
Stone	1 638 83	Freight on Stone	1 140 42
Freight on stone	1 118 42	Hay	46 02
Tarvia	886 84	Wood	3 00
Freight on Tarvia.....	126 20	Cement	318 41
Coal	53 73	Rent of Wagon	2 50
Oil	19 53	Coal	62 66
Hay	4 50	Oil	1 89
Telephone Toll	66	Man holes and catch bas-	
Rebates	327 66	ins, etc	105 00
Transfers—		Engineer's Exp.	40
Printing Fund, Official		Transfers—	
Printing	30 00	Printing, Official printing	30 00
Contingent Fund, Special		Contingent Sp. Assessors..	16 50
Assessors	33 00	Gen. St., Use of Heaters,	
Gen. St. Use of heat-		rollers, etc	170 00
ers, road rollers, etc...	222 00		
			<hr/>
			\$6 017 80
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	\$7 884 79		

Fifth Street Improvement.

Receipts.

First Installment—	
Prin. \$	889 64
Interest	74
Second Installment—	
Prin.	137 97
Interest	52
Third Installment—	
Prin.	90 72
Interest	2 81
Fourth Installment—	
Prin.	62 37
Fifth Installment—	
Prin.	62 37
Notes	5 326 75
Overpay	8 20
Intersection Bonds	838 97
First Installment —Asses-	
sed tax roll 1909.....	93 38
Transfers—	
Unused Tarvia	101 81
Freight	10 78
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	\$7 627 03

Fifth Street Improvement.

Disbursements.

Rebates	\$ 119 88
Labor	2 017 49
Lumber and Stakes	38 78
Gen'l Supplies	7 97
Draying	21 60

Wadsworth St. Imp.

Receipts.

First Installment—	
Prin. \$	317 24
Interest	1 62
Second Installment—	
Prin.	198 34
Interest	1 35
Third Installment—	
Prin.	198 34
Interest	1 35
Fourth Installment—	
Prin.	198 34
Interest	1 34
Fifth Installment—	
Prin.	198 35
Interest	1 33
First Installment —Asses-	
sed tax roll 1909	74 19
	<hr/>
	\$2 630 46

Wadsworth St. Imp.

Disbursements.

Labor	\$ 1 052 51
Gravel	30 80
Sand	18 31
Catch basins	41 25
Cement	72 17
Sewer pipe	5 52
Hay	17 00
Coal	7 99
Tools	1 25
Stakes	3 00

Stone	76 83
Freight on stone	58 10
Tarvia	122 85
Freight	18 90
Draying	50
Oil	1 52
Over charge—par. assess- ment	168 57
Transfer— Contingent —Exp. Sp. Assessors	14 50
	<hr/>
	\$1 711 57

Lateral Sewer No. 5, Dist. No. 1.
Receipts.

First Installment— Prin.	\$ 203 12
Interest	56
Second Installment— Prin.	20 52
Interest	13
Third Installment— Prin.	20 55
Interest	13
Fourth Installment— Prin.	20 56
Interest	14
Fifth Installment— Prin.	20 52
Interest	14
Notes	1 104 50
First Installment —Re-as- sessed winter tax roll 1909	51 48
	<hr/>
	\$1 442 39

Lateral Sewer No. 5, Dist. No. 1.
Disbursements.

Sewer pipe	\$ 337 05
Draying	27 10
Oil, etc.	72
Labor	412 82
Tools, etc.	4 84
Cement	2 83
Casting for man-hole cover Transfer— Printing, official printing Contg., Sp. Assessors...	1 50 30 00 21 00
	<hr/>
	\$837 86

Webster Street Improvement.
Receipts.

First Installment— Prin.	\$ 173 98
Second Installment	23 87
Third Installment	23 87
Fourth Installment	23 88
Fifth Installment	23 88
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	\$269 48

Webster St. Improvement.

Disbursements.

Refund	\$ 269 48
Lateral Sewer No. 3. Dist. No. 8. Receipts. Notes	\$ 757 14
Installments	1 341 72
Assessed winter tax roll 1909	377 20
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	\$2 476 06

Lateral Sewer No. 3. Dist. No. 8.

Disbursements.

Transfers— Gen'l—Sewer pipe	\$ 9 31
Sewer pipe	372 13
Transfers— Printing, official printing Contingent, Exp. Sp. Assessors	28 20 28 00
Draying	36 90
Gen'l supplies	96
Labor	472 00
Cement	9 21
Man hole rings and covers Notes	37 50 757 14
Interest	12 72
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	\$1 764 07

Lateral Sewer "I" Dist. No. 4.

Receipts.

Installments	\$ 288 15
Assessed winter tax roll— 1909	122 99
Notes	167 29
	<hr/>
	\$578 43

Lateral Sewer "I" Dist. No. 4.

Disbursements.

Labor	\$ 122 35
Oil	12
Gen'l Supplies	39
Sewer tile	51 25
Cement	1 42
Draying	3 25
Notes	167 29
Interest	2 30
Transfers— Printing, official print- ing	21 15
Contg. Sp. Assessors....	17 00
	<hr/>
	\$386 52

Sixth St. Imp.

Receipts.

Balance May 1, 1909.....	\$ 129 49
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Sixth St. Imp.**Disbursements.**

Notes	117 75
Interest	11 74
	<u>\$129 49</u>

Lateral Sewer No. 2, Dist. No. 8.**Receipts.**

Balance May 1, 1909.....	\$ 416 51
Lateral Sewer No. 2, Dist. No. 8.	

Disbursements.

Notes	\$ 141 36
Interest	2 15
	<u>\$416 51</u>

Street Intersections.**Receipts.**

Sale of Bonds	\$ 6 117 90
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Street Intersections.**Disbursements.**

Transfer—	
8th St. No. 2, Intersec-	
tions	\$ 1 043 27
5th St. Imp. Intersec-	
tions	838 97
	<u>\$1 882 24</u>

General City.**Receipts.**

1909 Tax—summer assess-	
ment	\$41 190 30
1909 Tax—Re-assessed	3 213 41
	<u>\$44 403 71</u>

General City.**Disbursements.**

Park	\$ 976 88
Printing	1 420 92
Cemetery	488 44
Light	5 994 49
Gen'l Street	2 664 22
Library	3 818 73
Fire	15 852 13
Police	4 662 39
Salaries	8 525 51
	<u>\$44 403 71</u>

State, County and County Road.**Receipts.**

State Tax	\$17 338 35
County Tax	24 023 40
County Road Tax	8 817 30
	<u>\$50 179 05</u>

State, County and County Road.**Disbursements.**

To County Treasurer for—	
State Tax	\$17 302 90
County Tax	23 979 10
County Road Tax	8 796 07
To City Treasurer for—	
Over-run on State Tax..	35 45
Over-run on County Tax	44 30
Over-run on County Road	
Tax	21 23
	<u>\$50 179 05</u>

STATEMENT OF RESOURCES AND LIABILITIES.**RESOURCES.****Inventory as of May 1, 1910.**

City Council	\$33 110 00
Water Department	197 405 18
Board of Public Works....	52 485 24
Board of Education	249 714 26
Board of Library Trustees.	41 000 00
Total	<u>\$573 714 68</u>

Taxes, Assessments and Other Items**Outstanding for Collection.**

Improvements	\$36 078 43
Delinquent Personal Tax....	1 456 41
Delinquent Tax at County	
Treasurer's office	12 270 66
Water Schedule	9 20
Water, Meter	11 01
Water, Taps, etc.	15 00
Water, Items dropped	188 07
Cemetery, Lots	119 50
Cemetery, Burials	136 00
Cemetery, Care of Lots....	427 75
Cemetery, Ex. labor on lots	56 00
Repairs to Walks	149 10
Interior and Exterior Walks	147 65
Items in question.....	4 00
Private Sewer connections	
on 8th St.	44 20
Cleaning Closet, Cutler Est.	5 25
Balance on Chemical Engine	
Village of Northport	550 00
Total	<u>\$51 668 23</u>

Overdrawn Funds.

Fire	\$ 231 54
Police	63 25
Cass St Ex. Imp.	13 82
East Front St. Imp.	202 76
West Front St. Imp.	526 27
	<u>\$1 037 64</u>

Cash Statement.

Cash in city depository, April 19, 1910.....	\$59 505 70
Cash on hand with City Treasurer. April 19, 1909	236 93
Total	\$59 742 63

LIABILITIES.**Bonds.**

Refunding	\$35 000 000
Water	135 667 00
School	20 000 00
Bridge	15 000 00
Street Intersections	26 000 00
Total	\$231 667 00

Notes.**Permanent.**

Eighth Street Improvement, No. 2.	\$ 7 806 83
Cass Street Ex. Improve- ment	762 27
South Union Street Ex. Im- provement	6 395 82
Washington Street Improve- ment No. 1.	7 372 02
Eighth Street Improvement No. 1.	9 672 82
Washington Street Improve- ment No. 2.	3 197 87
Park Street Improvement.	1 603 80
Fifth Street Improvement.	5 326 75
Wadsworth Street Improve- ment	1 438 67
Lateral Sewer No. 5, Dis- trict No. 1	1 380 44
Lateral Sewer No. 6, Dis- trict No. 1	584 23
Total	\$45 541 52

Notes.**Temporary.**

Abbott Voting Machine Co. \$	1 150 00
E. State Street Imp.	3 186 16
Washington Street Imp. No. 1	374 62
E. Front Street Imp.	3 110 03
Street District No. 2.	1 691 62
Street District No. 5	1 280 93
General Sewer	577 89
Total	\$11 371 25

Balances of Various Funds on Deposit and With the City Treasurer.

Contingent	\$ 1 611 10
Printing	428 15
Lateral Sewer No. 3, Dis-	

trist No. 8	711 99
Salaries	1 424 69
Interest and Sinking.....	16 857 78
Lateral Sewer "I" District No. 4	191 91
Library	1 088 30
Light	835 18
Water	13 181 53
General Sewer	164 53
Bridge	543 88
Cemetery	1 330 17
Park	887 85
General Street	1 999 41
Street District No. 1	2 268 63
Street District No. 2	772 09
Street District No. 3.	543 53
Street Dist No. 4.....	373 21
Street District No. 5.....	556 15
Street Intersections	4 236 66
Front and Union Street Imp.	59 44
East State Street Imp. ..	583 99
South Union Street Ex. Imp	791 03
Washington Street Imp. No. 1	472 68
Eighth Street Imp. No. 1..	1 859 38
Lateral Sewer H, District No. 4	14 08
Lateral Sewer No. 6, Dis- trict No. 1	536 65
Wharf	68 00
Lateral Sewer No. 1 Dis- trict No. 7	132 41
Washington Street Imp. No. 2	49 62
Park Street Imp.	121 79
Eighth Street Imp. No. 2..	2 952 81
Fifth Street Imp.	1 609 23
Wadsworth Street Imp. ..	918 89
Lateral Sewer No. 5 District No. 1	604 53

Total \$60 780 27

I submit herewith statements for comparison which I have designated as tables 1, 2, 3, 4 and 6.

As you are already aware, paving built, by day labor, by the city during the past year, on Eighth street was done at a saving to the property owners of forty three cents (\$.43) per foot over the estimated cost and on Fifth street of seventeen cents (\$.17) per foot and proper rebates have been given to the property owners or credited by the City Treasurer on the assessment rolls to be refunded when the assessments are paid.

There are certain matters that have come to my attention, in the course of my work, which I herewith respectfully submit for your consideration:

When east and west Front streets

were paved five years ago the work was done by contract and at a less cost than the estimate. A large percentage of the property adjacent to these improvements was not assessable for enough to take care of even the actual cost. Proper rebates were granted by you to the property owners at your last meeting but with the temporary notes now at the Peoples Savings bank and the present condition of these funds as shown by this report, these two improvement accounts are respectively overdrawn \$3,312.79 and \$526.27, which shortage, I believe, according to the charter, is properly chargeable to the city at large and should at once, either be paid from the contingent fund or raised by general tax the coming fiscal year.

Street districts No. 2 and No. 5 have temporary notes at the bank, respectively of \$1,691.62 and \$1,280.93, provision for the payment of which should be made this coming year. This condition was brought about, I believe, in the Second ward on account of cement sidewalk built during the past fiscal year; there being unpaid sidewalk accounts at the end of the tax collection period as follows:

Ward No. 2	415.17
Ward No. 3	201.81
Ward No. 4	60.45
Ward No. 5	190.90

In ward No. 5 one item of expense too, which tended to cause a depletion of this fund, was the cost of graveling Woodmere avenue, amounting to \$705.02, which, I am of the opinion, is considerably more than was originally figured upon.

Inasmuch as this office has been called upon many times to explain to property owners why they have not been given notice of the building of cement sidewalks, (and the only reason it has been possible to give is that the ordinances do not provide for it) I take the liberty of suggesting that the whole amount of sidewalk to be built in the respective wards be agreed upon at the earliest date possible in May, and a date set to hear objections if there should be any, and then this office give notice to the interested owners either by letter or newspaper advertisement; this would also enable the commit-

tee on ways and means to more nearly estimate the amount of money needed during the year for the construction of cement sidewalks. About 3.65 miles of cement walk have been built this year, which includes about 2700 feet of street crossings, or a total of 13089 square yards at a cost of from sixty seven to sixty-eight cents per square yard.

As you of course know, this city has been without the services of a city engineer during the greater part of the past year. On account of the close proximity of the city engineer's office with the city clerk's office we have been called upon many times to look up matters pertaining to the city engineer's records. This we have been glad to do, but here please permit me to suggest a more strict enforcement of the ordinances relative to the laying of private sewer. As a rule licensed plumbers are careful to live up to these ordinances but I fear there are many violations on account of the fact that un-licensed drain layers do work without proper permission. If these ordinances were strictly enforced and the records in the city engineer's office, pertaining to lateral sewers, and the connections thereto, were accurately kept as to the particular district sewers are to drain, it would prevent improper sewer connections being made, especially where property has not been assessed for lateral sewers.

In the making of assessment rolls for lateral sewer No. 1 Dist. No. 7, lateral sewers "I" and "H," Dist. No. 4 lateral sewer No. 3, Dist. No. 8, and lateral sewers Nos 5 and 6, Dist No. 1, I believe incorrect amounts were taken as a basis for figuring the charge to the property owners and that the matter should be investigated by the committee on sewers of the incoming council and proper refunds made to the owners of property adjacent to the sewers in question.

I believe it would be a matter of economy, at least a great convenience at time of elections, to have the Second ward hall on Spruce street lighted with electricity.

We now have in operation in the city 106 street lights and six alley lights. In this connection I call your

TABLE No. 1

ASSESSED VALUATION AND TAX RATE FOR 1909.

	Real	Personal	Total
First Ward	\$1,490,505.00	\$739,783.00	\$2,230,288.00
Second Ward	569,630.00	114,395.00	684,025.00
Third Ward	733,085.00	149,037.00	882,122.00
Fourth Ward	399,255.00	115,963.00	511,218.00
Fifth Ward	390,985.00	11,401.00	402,386.00
	<u>\$3,583,460.00</u>	<u>\$1,130,579.00</u>	<u>\$4,710,039.00</u>

Tax	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.
School	\$.008636	\$.008636	\$.008636	\$.008636	\$.008636
General City...	.009889	.009889	.009889	.009889	.009889
St. Dist. ....	.002	.004	.003	.004	.005
Int. and Sink...	.002	.002	.002	.002	.002
Totals	<u>\$.022525</u>	<u>\$.024525</u>	<u>\$.023525</u>	<u>\$.024525</u>	<u>\$.025525</u>

City tax rate 1909 on \$100 valuation as follows:

Ward 1, \$2.26; Ward 2, \$2.46; Ward 3, \$2.36; Ward 4, \$2.46; Ward 5, \$2.56.

Tax rate 1909 on \$100 valuation for state taxes, \$.39 and for County taxes \$.55 and for County road tax \$.20.

Total tax rate in city for the year 1909 on \$100 valuation:

First Ward	\$3.40
Second Ward	3.60
Third Ward	3.50
Fourth Ward	3.60
Fifth Ward	3.70

Making an average total tax rate in the city for year 1909 of \$3.56 for \$100 valuation.

TABLE No. 2

The following table shows amount of tax assessed for use in the various city departments for the years 1907, 1908 and 1909:

City Tax Assessed.

	1907.	1908.	1909
School...	\$33,626 01	\$38,225 53	\$40,714 04
Printing	900 00	945 00	1,500 00
Fire	6,800 00	5,119 00	16,663 00
Salaries	8,960 00	5,868 00	8,960 00
Int. and Sinking	4,626 14	4,681 19	9,424 21
Police	4,500 00	4,913 00	4,900 00
Library	2,500 00	2,933 00	4,000 00
Light	5,800 00	6,825 00	6,300 00
Water	5,200 00	4,200 00	
Bridge ...	1,500 00	1,050 00	
Cemetery	500 00	525 00	500 00
Park	1,000 00	3,150 00	1,000 00
General street	8,000 00	5,400 00	2,800 00
Street Dist. No. 1	2,212 71	4,404 25	4,460 66
Street Dist. No. 2	2,034 89	2,091 30	2,744 10
Street Dist. No. 3	1,673 93	1,739 59	2,646 61
Street Dist. No. 4.....	1,006.00	1,027 45	2,044 88
Street Dist. No. 5	1,179 18	1,584 29	2,013 21
Total	\$92,018.86	\$94,681 60	\$110,670 71

You will note from this table that no tax was assessed directly for the benefit of the water fund this year but that apparently the assessment for the benefit of the Fire fund is largely in

excess of the two previous years. This however, is due to the fact that \$7,350 was raised by tax as a fire hydrant rental and credited to the water works department.

TABLE No. 3
TAX RATES FOR THE YEARS

	1907.			1908			1909			
	City	State	County	City	State	County	City	State	County	County Road
Ward 1	\$ 1 92	\$ 33	\$ 38	\$ 1 99	\$ 28	\$ 40	\$ 2 26	\$ 39	\$ 55	\$ 20
Ward 2	2 12	33	38	2 09	28	40	2 46	39	55	20
Ward 3	2 02	33	38	1 99	28	40	2 36	39	55	20
Ward 4	2 02	33	38	1 99	28	40	2 46	39	55	20
Ward 5	2 12	33	38	2 19	28	40	2 56	39	55	20
Average	2 04	33	38	2 05	28	40	2 42	39	55	20
Total yearly average on \$100 valuation	\$ 2 75			\$ 2 73			\$ 3 56			

TABLE No. 4

TAXES ASSESSED AND COLLECTED IN 1909-10.	Assessed On Summer Tax Roll 1909.	Uncollected Re- Assessed On Winter Tax Roll 1909.	State, County and Improvement Assessments on Winter Tax Roll 1909.	Collected From July 26, 1909 to Oct. 31, 1909.	Collected from Dec. 1, 1909 to Feb. 28, 1910.	Delinquent Taxes returned to County Treas. Mar. 1, 1910.
General City	\$46,655.81	\$5,465.51	\$ -	\$41,190.30	\$3,213.41	\$2,252.10
Street District No. 1.....	4,460.66	355.80		4,104.46	220.48	135.01
Street District No. 2.....	2,744.10	440.74		2,303.36	287.48	153.26
Street District No. 3.....	2,646.61	321.63		2,324.98	152.06	169.57
Street District No. 4.....	2,044.88	236.54		1,808.34	169.90	66.64
Street District No. 5.....	2,013.21	488.07		1,525.14	245.72	242.35
Interest and Sinking	9,424.21	1,103.88		8,320.33	649.05	454.83
School	40,722.14	4,770.47		35,951.67	2,804.76	1,965.71
East State St. Improvement.....			1,056.19		433.82	622.37
East Front St. Improvement.....			210.20		169.63	40.57
Washington No. 1.....			892.75		394.56	498.19
Eighth St. No. 2.....			383.45		218.06	165.39
Cass St. Ex. Improvement.....			47.69			47.69
Park St. Improvement.....			333.59		166.82	166.77
Lat. No. 5 District No. 1.....			75.79		51.48	24.31
Lat. No. 6 District No. 1.....			15.83			15.83
W. Front St. Improvement.....			243.00		243.00	
Fifth St. Improvement.....			182.75		93.38	89.37
Wadsworth St.....			133.64		74.19	59.45
South Union St. Ex. Improvement...			799.22		444.25	354.97
Eighth St. Improvement No. 1.....			756.07		516.20	239.87
Cleaning Premises			3.00		3.00	
Lat. I District No. 4.....			167.88		122.99	44.89
Lat. H. District No. 4.....			42.90		14.30	28.60
Washington St. Improvement No. 2..			93.29		37.44	55.85
Lat. 3 District No. 8.....			581.38		377.20	204.18
Cleaning Walks			2,139.53		1,271.20	868.33
City Tax Fees			528.34		310.19	218.15
State Tax			18,440.51		17,338.35	1,066.71
County Tax			25,549.30		24,023.40	1,481.60
County Road Tax			9,378.06		8,817.30	539.53
Totals	\$110,711.62	\$13,182.64	\$62,054.36	\$97,528.98	\$62,863.93	\$12,272.09
Over-run in State Tax, \$35.45.						
Over-run in County Tax, \$44.30.						
Over-run in County Road Tax, \$21.23.						

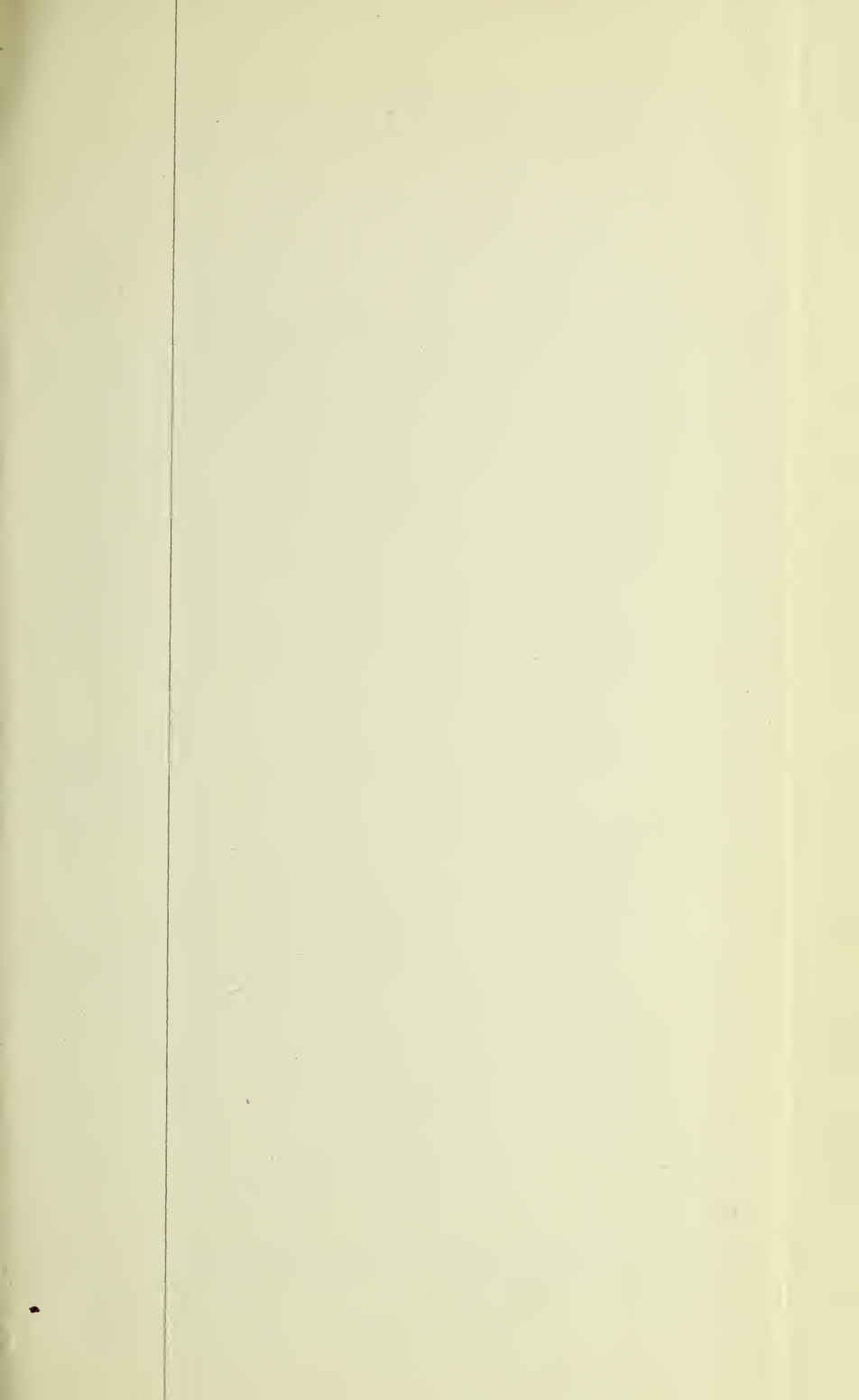


TABLE No. 5

FUNDS.	Bal. May 1, 1909.		Tax Assessed 1909	RECEIPTS.					DISBURSEMENTS.				Balances April 19, 1910.	
	Dr.	Cr.		From Bank Loans	From Bank Issues.	From Transfers.	Cash.	By Transfers.	To Bank for Temporary Loans.	Cash.				
Contingent	\$ 90 00	\$ 106 13	\$ 528 34	\$ 6 739 79	\$ 623 05	\$ 177 00	\$ 17 294 04	\$ 303 66	\$ 13 897 43	\$ 8 504 77	\$ 1 611 10			
Printing			1 500 00	623 05		401 15	1 420 92		623 05	1 303 92	428 15			
Fire		658 55	16 663 00	1 541 56		216 82	15 905 38	7 350 00	1 541 56	8 891 56	231 54			
Salaries		643 65	8 960 00	1 408 76			8 758 84		1 408 76	7 977 80	1 424 69			
Interest and Sinking		10 657 82	9 424 21				9 130 61			2 930 65	16 857 78			
Police		94 63	4 900 00	988 02			4 662 39		988 02	4 820 27	63 25			
Library	146 61		4 000 00	558 18		146 61	4 428 05		558 18	3 339 75	1 088 30			
Light		1 260 60	6 300 00	187 54			6 055 83		187 54	6 481 25	835 18			
Water		30 475 26				7 950 00	19 398 27		3 000 00	41 642 00	13 181 53			
General Sewer		272 46		585 96			295 47		110 45	878 91	164 53			
Bridge		2 753 70								2 209 82	543 88			
Cemetery		1 183 62	500 00				2 983 72	250 00		2 587 17	1 330 17			
Park		1 218 75	1 000 00				984 38			1 315 28	887 85			
General Street		2 767 79	2 800 00			1 136 30	4 792 74	295 60		4 401 82	1 999 41			
Street District No. 1		1 502 50	4 460 66				4 975 34	177 12		4 032 09	2 268 63			
Street District No. 2		199 08	2 744 10	1 691 62			4 029 09	65 25		5 082 45	772 09			
Street District No. 3		554 07	2 646 61	389 60			3 095 12	109 25	389 60	2 996 41	543 53			
Street District No. 4		41 65	2 044 88	905 72			2 412 31	60 45	905 72	2 020 30	373 21			
Street District No. 5		344 41	2 013 21	1 797 17			3 469 15	54 00	516 24	4 484 34	556 15			
Cass St. Ex. Imp.		43 75					373 39			430 96	13 82			
Front and Union St. Imp.		28 15					31 29				59 44			
E. Front Street Imp.		507 06		3 110 03			883 18			4 703 03	202 76			
E. State St. Imp.		1 925 84		4 586 16			3 999 75			f 9 927 76	583 99			
W. Front St. Imp.		817 75					4 071 70			5 415 72	526 27			
South Union St. Ex. Imp.		2 361 45					2 139 94			3 710 36	791 03			
Washington St. Imp. No. 1		1 141 98		1 274 62			3 225 88			i 5 169 80	472 68			
Eighth St. Imp. No. 1		2 963 51		289 95			4 464 69			h 5 858 77	1 859 38			
Washington St. Imp. No. 2		1 492 87					1 072 80			2 516 05	49 62			
Park St. Imp.		1 153 47					166 82			1 198 50	121 79			
Eighth St. Imp. No. 2			7 806 83	1 043 27		224 01	1 763 49	14 50		g 7 599 79	2 952 81			
Fifth St. Imp.			5 326 75	b 838 97		112 59	1 248 72	285 00		k 5 801 30	1 609 23			
Wadsworth St. Imp.							2 630 46	216 50		1 697 07	918 89			
Sixth St. Imp.		129 49							117 75	129 49				
Lateral Sewer No. 1, Dist. No. 7		51 12		133 22			319 73			m 371 66	132 41			
Lateral Sewer "H," Dist. No. 4		137 16		94 42			90 97	38 15		n 270 32	14 08			
Lateral Sewer No. 2, Dist. No. 8		416 51							414 36					
Lateral Sewer No. 5, Dist. No. 1				1 104 50			337 89	51 00		786 86	604 53			
Lateral Sewer No. 6, Dist. No. 1				860 17			220 22	52 40		491 34	536 65			
Lateral Sewer N. 3, Dist. No. 8				757 14			1 718 92	65 51		1 1 698 56	711 99			
Lateral Sewer "I," Dist. No. 4				167 29			411 14	38 15		j 348 37	191 91			
Street Intersections				6 117 90			6 117 90	1 882 24			4 235 66			
Wharf		68 00									68 00			
State Tax			c 18 440 51				17 338 35			o 17 338 35				
County Tax			d 25 549 30				24 023 40			p 24 023 40				
County Road Tax			e 9 378 06				8 817 30			q 2 817 30				
Webster St., Imp.							269 48			269 48				
School		9 142 25	40 722 14	1 000 00										
Totals	\$236 61	\$75 115 03	\$164 575 02	\$43 928 05	\$3 000 14	\$10 364 48	\$199 929 06	\$11 308 78	\$24 658 50	\$224 474 80	\$1 037 64	\$60 780 27		

a—Transferred from St. Intersection fund.

b—Transferred from St. Intersection fund.

c—Over-run State Tax 1909 \$35.45 Included.

d—Over-run County Tax 1909 \$44.30 Included.

e—Over-run County Road Tax 1909 \$21.23 Included.

f—\$14.00 paid on Temporary Notes Included.

g—\$327.66 paid on Rebates Included.

h—\$289.95 paid on Temporary Notes Included.

i—\$900.00 paid on Temporary Notes Included.

j—\$167.29 paid on Temporary Notes Included.

k—\$119.88 paid on Rebates Included.

l—\$757.14 paid on Temporary Notes Included.

m—\$239.02 paid on Temporary Notes Included.

n—\$168.02 paid on Temporary Notes Included.

o—\$35.45 paid City for over-run State Tax Included.

p—\$44.30 paid City for over-run County Tax Included.

q—\$21.23 paid City for over-run County Road Tax Included.

TABLE No. 6**Assessed Valuation of the City for the Years**

1907.			
	Real.	Personal.	Total.
First ward	\$1,463,930 00	748,305 00	2,212,235 00
Second ward	522,850 00	155,145 75	677,995 00
Third ward	719,105 00	117,809 00	836,914 00
Fourth ward	381,130 00	121,846 34	502,976 34
Fifth ward	382,435 00	10,235 00	392,670 00
	<hr/>	<hr/>	<hr/>
	\$3,469,450 00	\$1,152,341 09	\$4,622,790 34
1908.			
	Real.	Personal.	Total.
First ward	\$1,462,190 00	\$ 739,912 00	\$2,202,102 00
Second ward	531,440 00	165,360 00	696,800 00
Third ward	722,010 00	147,706 00	869,716 00
Fourth ward	392,650 00	121,075 00	513,725 00
Fifth ward	384,550 00	11,522 00	396,072 00
	<hr/>	<hr/>	<hr/>
	\$3,492,840 00	\$1,185,575 00	\$4,678,415 00
1909.			
	Real.	Personal.	Total.
First ward	\$1,490,505 00	\$ 739,783 00	\$2,230,288 00
Second ward	569,630 00	114,395 00	684,025 00
Third ward	733,085 00	149,037 00	882,122 00
Fourth ward	399,255 00	115,963 00	515,218 00
Fifth ward	390,985 00	11,401 00	402,386 00
	<hr/>	<hr/>	<hr/>
	\$3,583,460 00	\$1,130,579 00	\$4,710,039 00

attention to the fact that the contract for street lighting with the Boardman River Elec. Light and Power Co. expires on January 1st, 1911.

The following organized bodies of the city have held meetings this year as follows:

Council—37.

Board of education—29.

Board of public works—40.

Board of health—14.

Board of special assessors—5.

Board of review and equalization—

6.

We have, in this office during this fiscal year, recorded 248 certificates of death, and 220 birth certificates, complete records of which have been forwarded to the county clerk of this county and the department of state.

During the same period of time we have recorded 44 cemetery deeds and have issued 159 burial permits for burials in the city cemetery.

The following is a statement of insurance in force:

	Amt.	Prem. due.
Water works	28,000.00	37.50
Library	25,000.00	252.50
City tool house ...	5,000.00	69.50
Spruce St. building	2,000.00	32.00
Sexton's dwelling .	500.00	3.25
3rd ward Bldg. ...	1,000.00	15.00
Voting machines ..	1,000.00	7.50

\$6,000 street intersections bonds have been issued during the past fiscal year and with the interest that accrued thereon of \$117.90 makes a total of \$6,117.90 placed to the credit of this fund. Of this \$6,117.90 there has been \$1,043.27 transferred to Eighth street Imp. No. 2 account for intersections paved on this street and \$838.97 has been credited to Fifth street improvement for intersections paved on this street, leaving a bal-

ance to be used for paving street intersections of \$4,235.66.

Of the water works purchase bonds \$43,667.00, outstanding, \$14,000 and \$560 of interest will be due July 1, 1910; \$15,000 will be due July 1, 1915, and \$146.67 due July 1, 1920.

Water works extension bonds, \$72,000.00, \$25,000 due 1930, option of 1920; \$2,000 due 1924, option of 1914; \$12,000 due 1928 and \$15,000 due 1929

Water works pump bonds, \$20,000, due 1929.

Interest due annually on water bonds amounts to \$5,674.18.

Refunding bonds, \$35,000, \$7,000 due Jan. 1, 1911, \$6,000 due 1914, \$750.00 due 1914, \$7,500 due 1920 and \$7,000 due 1923.

Interest due annually on refunding bonds amounts to \$1,400.

Bridge bonds, \$15,000, \$9,000 due 1914, and \$6,000 due 1928.

Interest due annually on bridge bonds amounts to \$630.

Street intersections bonds, \$26,000, \$20,000 due 1928, and \$6,000 due 1929.

Interest due annually on intersections bonds amounts to \$1,170.

School bonds, \$20,000, \$20,000 due in 1924.

Interest due annually on school bonds amounts to \$800.

I anticipate the water fund will be, on July 1, this year, adequate to retire the \$14,560 of bonds and interest coming due and the interest and sinking balance will be sufficiently large to pay off the \$7,200 of refunding bonds and interest also payable this coming fiscal year.

Yours respectfully,

T. H. GILLIS,
City Clerk.

City Treasurer

Traverse City, Mich., Apr. 9, 1910.
 To the Honorable Mayor and Council
 of the City of Traverse City, Mich.
 4164—Gentlemen: The following are
 the balances of the different funds as
 shown by the books of the Treasurer
 of the City of Traverse City at the
 close of the fiscal year, April 18, 1910.

Contingent	\$1,611.10
Printing	428.15
Fire	\$ 231.54
Salaries	1,424.69
Interest & sinking	16,857.78
Police	63.25
Library	1,088.30
Light	835.18
Water	13,181.53
General Sewer....	164.53
Bridge	543.88
Cemetery	1,330.17
Park	887.85
General Street ...	1,999.41
Street Dist. No. 1.	2,268.63
Street Dist. No. 2.	772.09
Street Dist. No. 3.	543.53
Street Dist. No. 4.	373.21
Street Dist. No. 5.	556.15
Cass St. Ex. Imp..	13.82
Front and Union St. Imp.....	59.44
East Front St. Improvement ...	202.76
E. State St. Imp...	583.99
W. Front St. Imp.	526.27

S. Union St. Ex. Improvement	791.03
Washington St. Imp. No. 1.....	472.68
Eighth St. Imp... No. 1	1,859.38
Lateral Sewer H, District No. 4...	14.08
Lateral Sewer No. 6, District No. 1	536.65
Wharf	68.00
Lateral Sewer No. 1, District No. 7	132.41
Washington St. Imp. No. 2.....	49.62
Park St. Imp... ..	121.79
8th St. Imp. No. 2.	2,952.81
Fifth St. Imp....	1,609.23
Wadsworth St. Improvement ..	918.89
Lateral Sewer No. 5, Dist. No. 1..	604.53
Lateral Sewer No. 3, Dist. No. 8..	711.99
Lateral Sewer I, Dist. No. 4.....	191.91
Street Intersec- tions	4,235.66
Cash on hand and in depository ..	59,742.63
	\$60,780.27
	\$60,780.27

Respectfully,
 R. S. Hastings, City Treas.

Fire Department

Traverse City, Mich., April 25, 1910.
To the Honorable, the Mayor and City
Council, Traverse City, Mich.

4167—Gentlemen: I submit herewith
for your consideration the following
report for the Fire Department for
the fiscal year ending April 25, 1910:
Engine house and lots.....\$ 7,750.00
Horses, harnesses, blankets,
etc 1,850.00
2 Steam fire engines..... 8,000.00
Wagons, sleighs, ladders,
nozzles, etc. 3,750.00
Fire alarm system 4,200.00
58,000 ft. of hose @ 70 cents
per foot 4,060.00

Total value of property.....\$29,610.00

During the year the department has
responded to 60 alarms, has traveled
91 miles to and from fires, laid 38,700
feet of hose, and worked a total of 62
hours at fires.

The total loss by fire has amounted
to \$39,315.00 and insurance was carri-
ed on the property damaged to the
amount of \$373,650.00.

Causes of fires.

Defective chimneys	5
Defective furnaces	3
Carelessness with matches	4
Spontaneous combustion	2
Lightning	2
Sparks from locomotives	5
Over-heated stoves	6
Gasoline stoves	5
Unknown	6
Set by children	3
Burning rubbish	2
Chimney fires	17

Total....60

DISBURSEMENTS.

Fire Department.

Regular	\$ 5,667.20
Volunteer service—Hose Co. No. 1, \$129.50; Hose Co. No. 2, \$3.50; Hose Co. No. 3, \$179.25; Hose Co. No. 4, \$146.00; Hose Co. No. 5, \$132.50; Hook and Ladder Co., \$304.75	895.50
Light	51.60
Telephone	36.00
Heating	200.00
Water	11.55
Laundry	24.00
Freight, cartage and express	16.60
Gas	17.16
Battery supplies	43.45

Expense Firemen convention	125.00
Repairs to building	77.54
Repairs to equipment	103.14
New equipment	748.56
Hose connections, etc.....	43.50
Heating plant	265.00
Meals and lunches	11.00
Hydrant rental	7,350.00
Barn rent	57.50
Department expense	212.05
Veterinary and medicine....	43.70
Drying and extra team....	4.90
Horseshoeing	88.50
Board of fire team.....	28.00
Hay, \$228.00; oats, \$206.62; feed, bran, etc., \$144.92; straw, \$49.90; carrots, \$6.50	695.94
Wood, \$4.50; coal, \$175.49; coke, \$3.90	183.89
Notes	\$ 1,541.56
Interest	11.01

\$18,553.85

Less hydrant rental, \$7,350;
less loans, \$1,541.56.....\$ 8,891.56

Net expenditures\$ 9,662.29

RECEIPTS.

Fire Department.

Balance, May 1, 1909.....	\$ 658.55
Temporary loan	1,541.56
1909 tax	15,852.13
Refund—overpay	3.25
Payment—chemical engine...	50.00
Transfers—Extra fire team, ward 1, \$82.12; ward 2, \$2.25; ward 3, \$14.25; ward 4, \$17.45	116.07
Transfers: general street —hose, \$55.00; gaskets, \$9.75; expansion rings, \$9.00; wrenches, \$2.00; nozzle, \$25.00	100.75

\$18,322.31

Less loans, \$1,541.56; less
hydrant rental, \$7,350.00.. 8,891.56
Net credit for use of Dept...\$ 9,430.75

As you are of course aware, the tax
appropriation for the use of the Fire
Department the past year was very
much more than in previous years ow-
ing to the fact that \$7,350.00 was
raised as a fire hydrant rental but
was in no way for the use of the de-
partment, having been transferred
from the Fire Department fund to the
credit of the Water Fund.

The department has had the servic-

es this year of one more man than in previous years, the expense of which has amounted, for his 11 months' service, to \$605.00.

A new heating plant has been installed at a cost of \$250.00 and fuel has been purchased at a cost of \$183.89, which I believe to be more than it should cost to heat this building on account of the inferior radiation. The department has also paid this year \$200.00 to the J. W. Milliken estate, on their heating contract, which expired November 1, 1909, making the cost for heating this building practically twice what it has been in former years.

In September of this year we purchased a new team for the department at a cost of \$517.50, which included items of expense in looking up this and other teams. As the city work was quite well along when we purchased this team and owing to the fact that it took some time to break in the new team we practically had to keep two teams with which to do the work of one, which increased the cost of operating the department considerably.

The extra fire team was more or

less an expense to the department without revenue from them all winter as there was no city work on which they could be used except snow plowing and at which they were employed only a portion of the time, and still were an expense to the department. They are now being steadily employed and are a valuable asset to the department.

We have in the department at the present time six regular paid men beside the Chief and at night we have six extra, which practically makes a double department as each wagon would be equipped the same. In addition to this we have about 45 volunteer firemen, who answer calls when necessary.

I take pleasure in commending the volunteer and regular firemen for the faithful performance of their duties at all times when I have been in charge of this department.

I extend my thanks to the council for the support given me in the discharge of my duties as Chief of this department.

Respectfully submitted,
John Rennie, Chief of Fire Dept.

Superintendent of Water Works

Traverse City, Mich., Apr. 23, 1910.
To the Honorable, the Mayor and City Council, Traverse City, Mich.
4166—Gentlemen: I submit herewith my report on the operation of the city water works for the year ending April 30, 1910.

RECEIPTS.

Bal. May 1, 1909..	\$30,475.26	
Schedule rates	12,314.75	
Meter rates	4,903.38	
Meter rental	357.50	
Taps	1,114.50	
Installing meters..	86.00	
Iron and steel sold.	178.11	
Pipe and fittings sold	40.63	
Hose sold	9.00	
Doors, barrels, etc., sold	12.90	
Rebates—overpay ...	13.75	
Lumber sold	41.75	
Loan of tapping machine	6.00	
Extra Water building purposes, etc.	86.00	
Transfers—		
Hydrant rental—		
Cemetery	\$ 250.00	
Hydrant rental—		
Fire	7,350.00	
St. sprinkling—		
St. Dist. No. 1...	95.00	
St. sprinkling—		
St. Dist. No. 2...	63.00	
St. sprinkling—		
St. Dist. No. 3...	95.00	
St. sprinkling—		
St. Dist. No. 4...	43.00	
St. sprinkling—		
St. Dist. No. 5...	54.00	7,950.00
Return premium—		
Insurance	8.00	
Water — Catholic Cemetery	31.00	
Water — County grounds, 1907, 1908, 1909	195.00	
Total receipts	\$57,823.53	

DISBURSEMENTS.

Office.

Superintendent	\$ 1,506.67
Clerk	302.00
Stationery and printing....	108.75
Insurance	125.00
Loans	3,000.00
Interest	5,686.83

Rebate	72.69
Taps	1.00
Inspection	128.25

Total....\$10,931.19

Pumping.

Engineers	\$ 1,507.00
Firemen	1,098.25
Coal	380.83
Wood	1,538.75
Oil, waste, packing	330.80
Light	120.29
Telephone	12.00
Boiler, No. 1.....	9.57
Boiler, No. 2.....	21.33
Miscellaneous about engine rooms	37.66

Total....\$ 5,056.48

Maintenance.

Intake	\$ 49.79
Pumps	194.83
Boilers	19.22
Auxiliary machinery	74.18
Buildings	77.01
Mains	383.82
Hydrants	259.32
Repairs and testing meters..	166.64
Hose and attachments	9.24
Extra labor	168.40

Total....\$ 1,402.45

Construction.

Labor	\$ 1,757.21
Material	1,084.69
Draying	32.08
Valves	385.50
Hydrants	1,043.00
Taps	1,546.18
Meters	479.00
Tools	63.44
New Pumps	17,176.17
New Building	3,270.18
Pump foundations	370.78
Stack .....	.85
Cement walk	42.80

Total....\$27,251.88

Total Disbursements

To balance, cash on hand....\$13,181.53

\$57,823.53

The following is an inventory of the property and tools of the city water works:

2 "Snow Type" Cross Compound Condensing pumping engines, ten million capacity, including foundations complete with

necessary piping, valves and connections.....	\$ 38,000.00	10 1-inch meters @ \$12.00.	120.00
1 Heine water tube boiler, 125 h. p.	1,500.00	382 5/8-inch meters @ \$8.40	3,208.00
1 Horizontal tubular boiler, 125 h. p.	1,400.00	1,800 ft. of 12-inch water mains on hand not laid, with fittings	2,000.00
1 Worthington duplex boiler feed pump	50.00	Tools used in laying water mains, tapping tools and materials on hand	1,500.00
Auxiliary machinery, including smoke stack and all other machinery and piping connected inside plant	1,500.00	Total....	\$197,405.18
New brick engine room....	3,270.18	There was considerable new construction done during the year as the following statement shows:	
Brick boiler room	1,000.00	New brick building for engine room.	
Coal shed	100.00	New 5,000,000 gal. Snow Pump installed.	
Frame building used for storage	600.00	3,300 ft. of 4-inch water pipe laid.	
Grounds consisting of 222 ft. frontage on Bay street @ \$50.00 per ft.....	11,100.00	16,650 ft. of 6-inch water pipe laid.	
Lot on south side of Bay street extending south to M. & N. E. tracks @ \$50.00 per ft.....	1,250.00	New services ordered	156
Lot on West Front street, 25 ft. front extending to river @ \$50.00 per ft....	1,250.00	New taps on account paving.....	53
6,800 ft. of 16-in. water main laid @ \$2.00 per ft.....	13,600.00	Transfers on account paving and on account of wood mains taken out	94
6,100 ft. 12-in. water main laid @ \$1.50 per ft.....	9,150.00	New meters set	75
5,800 ft. 10-in. water main laid @ \$1.35 per ft.....	7,830.00	New hydrants set	21
8,700 ft. 8-in. water main laid @ \$1.00 per ft.....	8,700.00	New valves set	16
78,200 ft. 6-in. water main laid @ \$.65 per ft.....	50,590.00	The following is the pumping statement for the year:	
15,840 ft. 4-in. water main laid @ \$.50 per ft.....	7,920.00	Gallons of water pumped during year	780,000,000
8 16-inch water gates @ \$50.00	400.00	Largest day's pumping	4,984,000
18 12-inch water gates @ \$38.00	684.00	Smallest day's pumping ...	1,256,000
7 10-inch water gates @ \$25.00	175.00	Average	2,139,359
113 6-inch water gates @ \$12.00	1,356.00	Largest month, July	123,501,000
24 4-inch water gates @ \$8.00	192.00	Smallest month, November.	44,240,000
247 Fire hydrants, set, @ \$30.00	7,410.00	Total operating and maintenance expense for the year	\$14,389.72
180 Valve boxes, set, @ \$3.50	630.00	While the total receipts, exclusive of fire hydrant rental, amount to.....	\$18,487.63
1,800 Taps and material used to curb, average cost \$8.40	15,120.00	Or a profit of	4,096.91
Intake pipe, 1,700 ft. of 24-inch steel pipe	5,000.00	Fire hydrant rental	7,350.00
411 Meters and connections —1 6-inch meter	200.00	Actual profit by municipal ownership	11,446.91
8 2-inch meters @ \$40.00.	320.00	Included in this report the following items appear that are not taken in previous reports as maintenance expense, but which in order to show a correct statement of the operating and maintenance expense should appear, such as, clerk hire, stationery, insurance, repairing and testing meters, and rebates, amounting this year to \$714.53.	
6 1½-inch meters @ \$30.00	180.00	Interest on water bonds this past year greater than last year by \$834.07.	
4 1¼-inch meters @ \$25.00	100.00	Bills necessarily incurred to put in first-class working order the pumping machinery consisting of the first installed five million gallon Snow pump, that had been in constant service for seven years with scarcely a shut down	

for more than an hour at a time, up to the time of the new installation, which gave to the city a duplicate pumping plant and made it possible for a complete overhauling of the first installation at a cost of \$800.00.

Total extra expense charged to maintenance \$2,348.60.

Respectfully submitted,

H. O. Joynt,
Supt. of Water Works.

Board of Public Works

Traverse City, Mich., April 25, 1910.
To the Honorable, the Mayor and City Council, Traverse City, Mich.

4171—Gentlemen: The following outline of work covered during the past fiscal year and inventory has been presented to and approved by us:
The Board of Public Works, Traverse City, Mich.

Gentlemen: As there is no city engineer in the employ of the city at the present time, who would ordinarily give you desired data at this time, I submit herewith for your consideration the following general outline of the work performed this year in certain departments of the city.

Eighth street has been paved from the East Eighth street bridge east to the west line of Railroad Avenue with tarvia treated macadam which cost \$1.78 per running foot at a saving to the property owners of \$.43 per foot over the estimated cost and the proper rebates have been made to the property owners.

Fifth street has been paved from the east line of Division street east to the east line of Wadsworth street with tarvia treated macadam which cost \$1.72 per running foot at a saving to the property owners of \$.17 per foot over the estimated cost and rebates accordingly have been made to the property owners.

Wadsworth street has been paved with tarvia treated macadam from the north side of Sixth street north to the north side of Fifth street, leaving one block, from Fifth street to Front street to pave this year.

Lateral sewers have been built as follows:

Nine-inch sewer commencing at the intersection of Railroad Avenue and State street, thence east in State St. to Barlow street, thence south in Barlow street to the alley between State and Washington streets, thence east in said alley to Rose street, a distance of about 2,610 feet.

Six-inch sewer commencing at the west side of Cass street and the alley between 11th and 12th streets, thence east in said alley to the west side of Lake Avenue, a distance of about 702 feet.

Six-inch sewer in Webster street from Franklin street to Railroad Ave-

nue, a distance of about 560 feet.

Nine-inch sewer in Eighth street from the intersection of Wellington and Eighth streets, east in Eighth street to Railroad avenue, a distance of about 1,150 feet.

And a trunk sewer in Wellington street was extended from the intersection of Wellington street and Washington street south to connect with the lateral sewer in Webster street.

The second addition to the city cemetery has been fenced and considerable work put thereon in the way of clearing, etc., and stakes have been purchased and are on the ground for the laying out of a portion of this plat, which work should be completed as soon as possible as there are but comparatively few lots for sale in the first addition to the cemetery.

About 3.65 miles of cement walk have been built in the city the past fiscal year, which includes about 2,700 feet of 6-ft. crossings at street intersections, making a total of about 13,089 sq. yds. at a cost of approximately \$.67 per sq. yd., when proper charge has been made for use of tools, etc., used in construction.

Covering, stringers, etc., have been purchased or contracted for to be used in repairing the Park street, Cass street, Eighth street and two Union street bridges, which work is now in the course of construction.

My annual report will give in detail the money expended on Hannah Park, also all moneys received into and disbursed from all funds.

The following is the inventory compiled by the street commissioner:

The following is an inventory of the property and tools in our charge:

Tool house and lot	\$ 1,200.00
Gravel pit	1,000.00
Third ward building and lot.	3,000.00
Market site	15,000.00
Hannah Park	4,000.00
West Bay shore park	1,500.00
East Front street park	500.00
East Bay park	1,000.00
Original plat city cemetery..	3,500.00
First addition to cemetery ..	2,500.00
Second addition to cemetery	2,000.00
Dumping grounds	400.00
Second ward building and lot	2,500.00
Bryant park	2,100.00

1,400 cu. yds. crushed stone.	2,100.00	2 levels	1.50
1 steam power concrete mixer	500.00	2 hand screens	3.00
1 hand power concrete mixer	125.00	8 pails	3.20
7 sprinklers	1,400.00	2 set sidewalk fin. tools....	2.00
1 steam roller	3,000.00	2 squares .....	.80
1 horse roller	300.00	2 mixing platforms	4.00
1 traction engine	1,200.00	1 mixing box	1.00
1 street sweeper	125.00	1,100 ft. ¾-inch water pipe..	44.00
1 street grader	125.00	5 pipe wrenches	6.50
1 wagon and tool box	50.00	1 brick trowel .....	.60
1 stone crusher	400.00	1 hose repair outfit .....	.50
1 truck wagon	30.00	2 plows	15.00
1 dump wagon	45.00	1 tar kettle	8.00
9 snow plows	55.00	1 tar dipper .....	.50
1 trench pump and hose	75.00	3 tar pails	1.20
60 trench jacks	125.00	1 wheel scraper	12.00
18 side walk frames	36.00	2 tar funnels .....	.80
Paving brick	350.00	5 monkey wrenches	4.00
Sewer pipe	50.00	1 leveling scraper	2.00
Maple lumber	25.00	2 slush boxes	4.00
6 crow bars	6.00	200 ft. 1½-inch water pipe ..	20.00
20 shovels	8.00	1 leveling block	1.00
7 street cleaner carts	56.00	1 heavy hand tamp	2.00
14 picks	8.40	2 cant hooks	1.50
34 shovels	10.20	1 set leveling pins	1.00
5 scoops	3.75	1 hand level	1.00
15 lanterns	4.50	1 pole axe .....	.50
15 hoes	4.50	6 stone chisels	1.50
4 rakes	1.40	2 pair brick tongs	2.50
2 lawn mowers	6.00	2 pinch bars	1.50
500 ft. hose	40.00	1 tarpaulin	5.00
9 pavement scrapers	5.25	5 slushing scrapers	2.50
2 hand saws	3.00	3 1-gallon oil cans .....	.75
1 8-tine fork	1.00	1 cement mixer	400.00
1 pike pole .....	.75	1 curb snow plow	10.00
2 snow scrapers	8.00	1 pr. tongs for raising walks	5.00
1 scraper to remove comb on walk	4.00	1 farmer's handy wagon....	24.00
5 mattocks	1.50	3,600 ft. garden hose	660.00
2 crosscut saws	2.50	5 doz. C. B. G. sprinklers...	8.75
4 hammers	2.00	5 iron garden rakes	3.75
14 wheelbarrows	21.00	3 wooden hay rakes	1.00
1 cart for repairing walks..	2.00	1 pr. grass shears .....	.60
1 sewer rcd for open sewers	1.50	3 sickles	1.05
4 trestles	3.00	18 snow shovels	4.00
1 trestle	3.00	3 dirt shovels	2.25
6 trestles for barricades	1.80	2 garden spades	1.70
1 scraper	1.50	1 wrench	1.75
1 scraper chain	4.50	2 old lawn mowers	9.00
2 catch basin covers	32.00	3 large grave linings	4.50
2 sets block and tackle	12.00	2 small grave linings	1.75
1 block and loading chain...	6.00	2 set curbs for large graves.	65.52
6 concrete tampers	6.00	3 set small curbing	9.00
1 vise	4.00	2 wheelbarrows	3.50
5 hand axes	3.00	1 snow plow	5.25
3 neck yokes	2.25	10 lawn seats	7.50
1 pump and pipe	6.00	9 lawn seats, broken	4.50
7 hoes	3.50	2 tarvia kettles	250.00
5 sledges	3.75	6 tarvia cans	9.50
1 adze .....	.75	1 brace and 3 bits	2.00
7 hydrant wrenches	1.75	1 pr. sleighs	25.00
4 hydrant reducers	2.00	5 push brooms	1.50
		6 potato forks	9.50
		1,130 ft. 9-inch tile.....	155.94

1,330 ft. 4-inch tile	36.35
196 ft. 15-inch tile	58.80
142 ft. 12-inch tile	32.66
20 ft. 6-inch tile	1.38
4 ft. 24-inch tile	1.84
	<hr/>
	\$52,485.24

Yours respectfully,

T. H. Gillis, Clerk.

The Board of Public Works,

By T. H. Gillis, Clerk.

Chief of Police

Traverse City, Mich., April 25, 1910.
To the Honorable, the Mayor and City Council, Traverse City, Mich.
4165—Gentlemen: I present herewith the annual report of the police department of the City of Traverse City for the fiscal year beginning May 1, 1909 and ending April 25, 1910.

The following statement gives in detail the work accomplished by this department:

Drunk and disorderly.....	79
Violation of city ordinances	8
Larceny	11
Assault and battery	8
Forgery	3
Non-support	6
Insane	6
Abusive language	1
Attempt to commit murder	1
Violation of livery law	13
Violation of saloon law	1
Gambling	3
Jumping board bills	12
No. held for out of town officers...	6

Obtaining property under false pretense	2
Gave lodging in city lock-up	36
Drunks placed in lock-up to sober up	218

Total arrests414

Total arrests 414, and they were divided as follows:

Men	389
Women	25
Children lost	27
Wheels reported lost or stolen...	121
Wheels found and returned.....	105
Wheels on hand	6

Telephone calls answered during the year2,955
The new offices installed in the Hamilton block have been of great convenience and assistance to the department and I tender my thanks for the courtesies and assistance given me during the year.

Respectfully submitted,
C. W. Ashton, Chief of Police.

Librarian

Traverse City, Mich., April 19, 1910.

To the Board of Library Trustees:
I have the pleasure of presenting to you the annual report of the Traverse City Public Library for the year ending April 30, 1910.

Number of volumes in the library by departments:

	Main Library	Oak Park Branch
Fiction	2,188	293
Juvenile fiction	1,142	154
Philosophy	72	7
Religion	143	6
Sociology	215	21
Philology	29	
Natural science	315	24
Useful arts	141	3
Fine arts	102	
Literature	625	41
History	562	58
Travel	253	16
Biography	320	30
General work, including bound magazines	725	27
Government reports	3,369	
Geologic atlases	190	
Michigan reports	201	
Miscel. catalogues and papers	29	
Art collections	3	
	<hr/> 10,624	<hr/> 680
Total	11,304	

Number of books issued by departments:

	Main Library	Oak Park Branch
Fiction	11,471	2,356
Juvenile fiction	9,952	3,542
Philosophy	138	12
Religion	197	13
Sociology	628	298
Philology	9	4
Natural science	257	116
Useful arts	224	16
Fine arts	300	72
Literature	619	136
History	474	274
Travel	418	4
Biography	337	17
Bound magazines	965	134
	<hr/> 26,089	<hr/> 6,994
Total	33,083	

Number of persons using reading rooms:

	Main Library	Oak Park Branch
--	-----------------	--------------------

Men	1,978	274
Women	1,613	491
Children	5,245	3,380
	<hr/> 8,836	<hr/> 4,145

Total12,981

Number of patrons enrolled: main, 3,164. Branch, 792. Total, 3,956. New patrons added during this year, main, 450; branch, 175.

Number of children at story hour: main library, 750; Oak Park Branch, 825. Total, 1,575. Average attendance, 87.

	Main Library	Oak Park Branch
Magazines subscribed for	49	10
Magazines donated	8	1
	<hr/> 57	<hr/> 11

Total	68
Newspapers	3
Number of books rebound	178
Number of magazines rebound	48
Number of magazines reset	9

Total235

Number of new books added during the year according to each department:

	Main Library	Oak Park Branch
Fiction	171	28
Juvenile fiction	117	56
Philosophy	1	
Religion	2	
Sociology	30	7
Philology		1
Natural science	12	
Useful arts	12	
Fine arts	5	
Literature	51	8
History	19	
Travel	25	
Biography	23	3
General works	50	
Government reports	80	
	<hr/> 598	<hr/> 103

Number of books withdrawn.....16

Number of books lost42

Number of books destroyed for contagious disease 2

Total60

Reference and Reading Rooms.

The library is being used more and more for reference work, though it is impossible to give figures that state the amount and importance of this work.

The following books have been added this year to aid in the reference work:

Bliss—New Encyclopaedia of Social Reform.

Moulton—Library of Literary Criticism, 8 vols.

Parsons—Laws of Business.

Pearson—Intercollegiate Debates.

Scott—Stamp and Coin Catalogue.
Townsend—Handbook of United States Political History.

Winsor—Narrative and Critical History of America, 8 vols.

Tribune Almanac.

World Almanac.

Respectfully submitted,

Alice M. Wait, Librarian.

Library Trustees

To the Honorable Mayor and City Council of Traverse City, Mich.

4163—Gentlemen: As required by the city charter we have the honor to herewith submit our report as trustees of the Traverse City Public Library for the year ending April 30, 1910.

For full information as to the financial condition of the library at the conclusion of this year you are respectfully referred to our report in detail of receipts and expenditures hereto attached. Our librarian's report also hereto attached will give you in detail all matters connected with the working of the library during the last year.

We are pleased to make a favorable showing in the usefulness and popularity of the Public Library to the residents of Traverse City.

The Public Library stands as an important factor in the intellectual life of our city and is undoubtedly one of the chief institutions that we have for the continuous education of the adult reader.

The library contains over eleven thousand volumes.

We have seventy periodicals on file in our reading rooms—coming in each month—furnishing the most up to date material to be found on popular subjects.

The trustees have made a special effort to supply practical books that would be of interest and help in all lines of work.

Our reference library has been increased during the past year and should be materially added to during the coming year. It is really an important source of information and knowledge.

The total number of patrons of our library on the 1st day of April was 3,956, showing an increase in eleven

months of 625. This large added number of patrons shows very conclusively the increasing use of the library and how it stands with the public.

One cannot estimate in figures the value of good books and good periodicals to the young and the adult. The library is attempting to be of the greatest possible use in civic and social, also industrial growth of Traverse City. We aim to be up to date on all current subjects.

We wish to call your attention to the Oak Park Branch Library. We are building up the "library habit" in this part of our city and are doing a good work for the youth as well as the adult in the east part of our city. The number of patrons at the Oak Park Library have increased about 200. The number of persons using the reading room during the year increased 1,200, from which you can readily see that the people of this part of our city have use, and an increasing use, for a library.

Our story hour work with the young children was continued as usual during the winter months with good success in both the main library and in the branch. Our average attendance being 87.

We have added 700 volumes to our library during the year.

As the library grows in size and usefulness it must necessarily require more to support it. We would therefore request your honorable body to make us an appropriation for the coming year of \$4,000.00.

The library is an institution owned and supported by and for the people and we believe that by studying the librarian's report in detail, your honorable body will realize the importance of the Public Library to our civic life, public and private and that its sup-

port should be amply provided for.

The value of the library property owned by the city April 30, 1910, is:

Library building, including grounds and furniture.....	\$30,000.00
Furniture Oak Park Branch.....	200.00
Books in main Library and Branch	10,800.00

Total,....\$41,000.00

DISBURSEMENTS.

Library.

Overdrawn bal. May 1, 1909..\$	146.61
Librarian	415.60
Asst. Librarian	304.00
Librarian—Oak Park	295.80
Janitor	2.00
Extra labor and substitute work	35.75
Demand notes	558.18
Interest	4.90
Light	178.13
Laundry	5.00
Water	18.50
Telephone	8.00
Freight, cartage and express..	11.68
Printing and stationery	34.50
Electrical wiring, etc.....	54.02

Miscellaneous supplies	83.10
Books	812.28
Magazines	129.25
Janitor—Oak Park	2.00
Repairs to building	102.67
Pipe covering	50.00
Plants	16.00
Coke	331.07

\$3,339.75

RECEIPTS.

Library.

Transfers	\$ 146.61
Temporary loans	558.18
Fines	61.90
1909 tax	3,818.73
Recorder's court fines.....	90.00
County Court fines	444.32
Furniture sold	5.00
Over pay	8.10

\$4,428.05

Respectfully submitted,

E. L. Edwards,
Mrs. E. B. Minor,
Leon F. Titus,

Trustees.

Recorders Court

Traverse City, Mich., April 25, 1910.		Gambling	3
To the Honorable, the Mayor and Common Council of the City of Traverse City.		Grand larceny	2
4169—Gentlemen: I herewith submit my annual report as Judge of the Recorders Court of the City of Traverse City for the year commencing May 3, 1909 and ending April 25, 1910.		Gross indecency with male person..	1
Total No. complaints taken.....	185	Hiring livery with intent to defraud..	27
Total No. warrants issued.....	184	Keeping house for resort of prostitutes	1
Total No. complaints taken for violations of the state law.....	118	Keeping saloon open on Sunday....	1
Total No. warrants issued for violations of the state law.....	118	Larceny from dwelling house in day time	1
Total No. complaints taken for violations of city ordinances...	67	Larceny from person	1
Total No. warrants issued for violations of city ordinances.....	66	Larceny from store in day time....	1
Total amount of money collected as fines and costs for violations of the state law...\$191.45		Larceny from store in night time... 1	
Total amount of money paid to county treasurer for fines and costs collected for violations of state law.....\$191.45		Malicious destruction of property... 1	
Total amount of money collected as fines and costs for violations of city ordinances.\$121.00		Manslaughter	1
Total amount of money paid over to city treasurer for fines and costs collected for violations of city ordinances	\$121.00	Non-support	10
Number of complaints taken and warrants issued for violations of the state law as follows:		Obtaining board with intent to defraud	18
Assault with intent to kill.....	1	Obtaining money under false pretenses	1
Abandonment	1	Receiving stolen goods knowing the same to have been stolen	1
Assault and battery	14	Search warrants	2
Assault with intent to do great bodily harm less than the crime of murder	1	Simple larceny	6
Common prostitute	1	Statutory rape	3
Crime against nature	1	Surety to keep the peace	4
Cruelty to animals	1	Vagrancy	1
Disorderly persons, first offense....	3	Violations of the automobile law... 1	
Disorderly persons, second offense..	6	Number of complaints taken and warrants issued for violations of city ordinances as follows:	
Disturbing religious meeting	1	Ordinance relative to bicycles.....	1
		Ordinance relative to disorderly persons	1
		Ordinance relative to dogs	1
		Ordinance relative to drays	1
		Ordinance relative to drunken and disorderly persons	16
		Ordinance relative to drunken persons	41
		Ordinance relative to fast driving... 1	
		Ordinance relative to keeping fruit covered	1
		Ordinance relative to peddling	1
		All of which is respectfully submitted.	
		Yours respectfully,	
		Amil F. Nerlinger,	
		Judge of the Recorders Court of the City of Traverse City, Michigan.	

Health Officer

To the City Council of the City of Traverse City.

I herewith present my annual report as follows:

Number of investigations, 423; number of reports to the state board of health, 170; number of meetings of the board of health, 14; number of communicable diseases as follows—Typhoid fever, 31, scarlet fever, 29, diphtheria, 16, measles, 4, small pox, 3, chicken pox, 18, total, 101; number of disinfections, 99; number of births,

220; number of deaths, 248, of which 126 were at the asylum; number of deaths in the city alone, 122.

Expenses.

Health Officer's salary.....	\$300.00
Disinfecting	166.00
Formalin and other supplies...	40.00
Meetings of Board of Health..	108.00

Total\$614.00

Respectfully submitted,

G. A. Holliday, Health Officer.

Meat and Milk Inspector

Traverse City, Mich., April 25, 1910.
To the Honorable, the Mayor and City Council, Traverse City, Mich.

4170—Gentlemen: I respectfully make the following report of the dairies and meat markets for the year ending April 25, 1910:

There are 32 dairy farms having a total of 385 cows which supply milk to the city, which farms are from three to nine miles distant from the city.

There are twelve wholesale dealers selling in the city and fourteen retail dealers selling daily in the city approximately 2,695 quarts of milk from wagons.

During the year I have inspected

282 samples of milk and cream.

There's now 20 retail meat markets in the city and two wholesale markets and of the 20 retail markets ten are in first-class condition.

The slaughter houses where the killing is done for meat sold in the city are with one exception cheap wood buildings and are kept in as good condition as can be expected for the class of buildings. I cannot urge too strongly the establishing of a central slaughter house where the waste can properly be taken care of.

Respectfully submitted,

H. J. Getman, V. S.,

Meat and Milk Inspector.

City Scavenger

Traverse City, Mich., April 25, 1910.
To the Honorable, the Mayor and City Council.

4168—Gentlemen: The following is a statement of the work performed during the past fiscal year:

Water closets cleaned.....	324
Cess pools cleaned	15
Horses drawn out	37
Cows drawn out	1

Respectfully submitted,

W. G. Struble, City Scavenger.

City Weighmaster

4181—Report of city weighmaster, year ending April 18, 1910.

Weighed the following:

Potatoes, 2,889 loads; hay, 956 loads; straw, 78 loads; oats, 121 loads; corn, 219 loads; live stock, 477 loads; coal and coke, 705 loads; scrap iron, 190 loads; ice, 59 loads; rags and papers, 81 loads; bones, 18 loads; carrots, 19

loads; wheat, 30 loads; peach pits, 4 loads; turkeys and chickens, 4 loads; stone, 15 loads; tar, 3 loads; tan bark, 3 loads; beans, 5 loads; cornstalks, 19 loads; copper, 2 loads; apples and cherries, 298 loads. Total, 6,195 loads.

Respectfully,

F. A. Winnie, City Weighmaster.

Clerk of the Board of Education

Traverse City, Mich., April 28, 1910.
To the President and Board of Education, Traverse City, Mich.

Gentlemen:—I present herewith my annual report as clerk of the Board of Education for the fiscal year beginning May 1, 1909 and ending April 30, 1910:

Disbursements.

Teachers Salaries.

High—Regular, \$9,222.32; supply, \$170.30.....	
Central—Regular, \$3,991.92; supply, \$30.00	4 021 92
Elmwood—Regular, \$4,853.- 66; supply, \$72.00.....	4 925 66
Oak Park—Regular, \$5,748.- 76; supply, \$51.75.....	5 800 51
Boardman—Regular, \$4,624.- 71; supply, \$11.75.....	4 636 46
Union St—Regular, \$3,257.- 01; supply, \$89.25.....	3 346 26
Boonville—Regular, \$386.25; supply, \$45.00	431 25
Superintendent	2 137 75
Supervisors	2 503 55

\$37 195 98

Disbursements.

Incidentals.

Freight and Cartage	\$ 149 91
Truant Officers	285 00
Day School for Deaf	853 25
Clerk	300 00
Supt. Clerk	294 00
Stamps, telegram, express, etc	43 41
Library expense—	
Work	57 00
Books	133 26
Livery	2 00
Printing and Stationery—	
Letterhead, envelopes, etc	15 25
School stationery	98 41
Notices, etc.	2 88
Recording papers	1 25
Cantata adv.	1 40
Census Taking—	
Labor	71 37
Stationery	9 50
Books—	
Reg. text	526 52
Supplementary reading ..	55 60
Library	74 17
Music	3 79
Kindergarden supplies	1 742 23
Laboratory supplies	345 44
Painting boiler	3 00
Telephone and toll.....	2 80
Drawing supplies	181 33

Interest on bonds.....	800 00
Disinfecting	50
Rent of chairs	7 50
Typewriter rental	100 70
Commencement expense ..	125 35
Taxes and Tax deed.....	9 00
Engineers services	50 00
Purchasing Adg and over- seer	225 00
Expense Heating plans ..	8 40
School furniture	254 94
General School Supplies ..	428 34
Commercial Dept. supplies.	49 51
Temporary note and Int... 1	006 81
Binding Proceedings	2 25
Paving payment	375 56
Athletic Association	50 00
Wireless Telegraphy sup- plies	22 28
General Supplies—	
Chalk	80
Tissue paper	80
Flags	2 90
Envelopes	50
Carbon paper	1 50
Rubber balls, stars, stick- ers	80

General Supplies—

Composition books and Tablets	50
Rubber bands	75
Paper fasteners	1 47
Baskets	20 25
Picture Studies	10 65
Cards, etc.	75
Bristol board	153
Paste	1 53
Ledger	35

\$7 245 96

Disbursements.

Central.

Repairs to Bldg.	\$ 127 14
Light	103 49
Power	12 00
Janitor	900 00
Tools, Rprs. etc.	61 81
Insurance	40 09
Electric Wiring, etc.	10 58
Clocks	10 00
Blackboards	82 21
Draying rubbish	13 50
Fuel—	
Wood	195 79
Coal	759 72
Water	67 50
New Heating and Plumbing	210 71
Telephone	24 00
Labor on Grounds	47 17
Flowers, etc.	25 00

Supplies—		Repairing Clocks	5 25
Oil	45		
Salt, soda, soap, gold dust	2 50		
Mop, brooms, brushes....	19 78		\$4 140 61
Floor oil	9 95	Disbursements.	
Dusters, cheese cloth, etc.	11 02	Boardman Ave.	
		Repairs to Bldg.	85 11
	\$2 734 41	Light	32 11
Disbursements.		Janitor	600 00
Oak Park.		Tools, Rprs., etc.	14 82
Repairs to Bldg.	\$ 147 90	Insurance	179 48
Light	45 98	Water	63 00
Janitor	660 00	Elec. Wiring, etc.	10 03
Tools and Equipment	20 55	Extra heating and plumbing	722 02
Insurance	108 04	Laundry	3 90
Water	63 00	Fuel—	
Laundry	1 69	Coal	377 06
Piano and Tuning	65 84	Wood	30 19
Plants	1 20	Picture framing	1 75
Fuel—		Adv. on heating contract..	2 443 75
Coal	442 07	Telephone	24 00
Kindling	4 38	Supplies—	
Picture framing	8 00	Cement, matches, oil	2 15
Grounds	2 00	Floor oil	9 95
Supplies—		Dusters, brushes, etc....	7 25
Matches and oil	2 70	Soap	60
Cloth and duster	6 70	Grounds, flower bed soil, etc	7 00
Brushes and broom	19 83	Adv. on painting building..	85 00
Floor oil	9 95		\$4 699 17
Door lock, glue, soap....	2 60	Disbursements.	
Telephone	12 00	Union St.	
Electric wiring and supplies	5 94	Repairs to Bldg.	\$ 25 76
Repairing clocks	1 00	Light	, 46 79
Plumbing, etc	24 67	Power	108 76
	\$1 656 04	Janitor	593 67
Disbursements.		Tools, Rprs. etc.	38 24
Elmwood Ave.		Insurance	20 04
Repairs to Bldg.	446 97	Repairing Clocks	7 50
Light	27 06	Fuel—	
Janitor	600 00	Coal	292 50
Tools Rprs, etc.	24 11	Wood	58 51
Insurance	208 54	Supplies—	
Laundry	9 00	Putty, oil	39
Labor on grounds	9 40	Dust cloth	1 80
Electric Wiring	10 93	Brushes, mops	7 47
Tuning Pianos	3 00	Floor oil and cleaner....	10 75
Plumbing and Rprs.	29 13	Water	63 00
Fuel—		Telephone	24 00
Coal	408 23	Grounds, flower beds, labor,	
Kindling	3 00	etc.	6 00
Plants	5 64	Laundry	9 30
Supplies—		Plumbing Rprs.	29 07
Kerosene and floor oil..	13 17	Packing	81
Soap, soda, gold dust, etc.	6 00		\$1 344 36
Lantern, Matches	1 30	Disbursements.	
Brush, cloth, varnish, etc.	15 13	Boonville.	
Water	88 00	Repairs to Bldg.	\$ 75
New Heating System—		Janitor	85 00
Labor	2 75	Telephone	12 00
Adv. on contracts.....	2 200 00	Repairs to Clock	1 50
Telephone	24 00	Supplies—	

Gold dust	80
Mop and rags	40
Matches	28
Brooms	1 20
Oil	30
Soap	65
Gen. supplies	50
Cement	12
Wood	46 75

\$150 25

Disbursements.

Incidentals, Domestic Science.

Labor in Kitchen	\$ 19 50
Gas	43 08
Extracts	2 53
Butter	23 51
Salt	40
Onions	44
Tomatoes	3 07
Spaghetti	95
Macaroni	1 55
Cheese	4 17
Flour	9 20
Lard	5 39
Yeast	90
Ginger	05
Eggs	24 12
Sugar	10 16
Polish	40
Potatoes	1 87
Mustard	15
Vinegar	45
Olive oil	2 70
Lemon	2 15
Bread	90
Chocolate	1 65
Milk	16 32
Pepper	20
Misc'l supplies	37 12
Starch	30
Cranberries	1 75
Cinnamon	25
Apples	85
Berries	66
Gold dust and soap	3 70
Yarn and Thread	1 50
Needles	60
Matches	97
Baking powder	65
Peaches and Grapes	1 00
Cans, can rubbers and para- fine	27
Waifers and biscuits	1 00
Jelly	10
Salmon	3 45
Celery Salt	10
Nuts	2 70
Cocoa	55
Meat	4 94
Dates	63
Syrup	1 75

Soda	07
Oysters	50
Gelatine	1 20
Cream of Wheat	45
Bananas	31
Oranges	1 93
Paprika	10
Pumpkin	1 08
Cloves and Nutmeg	15
Cloth and tape	17 82
Cabbage	31
Peas	25
Corn	1 20
Carrots	10
Raisins	10
Crackers	16

\$266 38

Disbursements.

A. Tracy Lay.

Domestic Science Equipment.

Range	54 00
Refrigerator	20 00
Tables, Wallcases, etc.	163 85
Range, boiler connections, etc.	177 43
Fixtures	83 25
Sundries	116 38

\$614 91

Disbursements.

Incidentals, Manual Training Supplies.

Repairs to Equipment	\$ 4 14
Lumber	39 75
Sundries	83 05
Brass screws, hooks, etc..	57
Sharpening saws	5 76

\$133 27

Disbursements.

A. Tracy Lay.

Incidentals, Manual Training Equip- ment.	
Sundries	\$ 59 14

Disbursements.

1909 Tax.

Contingent	\$20 153 35
Teachers Salaries	14 339 89
Teachers Salaries and one mill	4 263 19

\$38 756 43

Recapitulation.

Disbursements.

Supt's, supervisor's and teachers salaries	\$37 195 98
Repairs to Buildings	833 63
Light	255 43
Power	120 76
Janitors	3 438 67
Telephone	120 00
Water	344 50

Insurance	556 19
Tools, equipment and repairs, etc.	219 36
Clocks and repairs	25 25
Electrical wiring, etc.	37 48
Blackboards	82 21
Draying rubbish	13 50
Fuel—	
Wood	331 24
Coal	2 279 58
Kindling	7 38
Rprs, heating, plumbing, etc	1 015 60
Grounds	103 41
Laundry	23 89
Tuning Pianos	68 84
Cleaning supplies	52 45
Floor oil, paint, etc.	54 22
New heating plants	4 646 50
Picture framing	9 75
Painting Bldg.	85 00
Domestic Science Supplies.	266 38
A. Tracy Lay Domestic Science Equipment	614 91
Manual Training Supplies..	133 27
A. Tracy Lay Manual Training Equipment	59 14
Incidentals	7 245 96

Total Disbursements....\$60 240 48

Contingent.

Receipts.

Cash on hand May 1, 1909..\$	3 061 29
Non-Resident Tuition	2 175 40
Typewriting and Laboratory Fees	66 84
Interest on Deposits	1 172 41
Rebate—over pay	16 91
Manual Training Fees	16.62
Domestic Science Fees	9 75
Sale of old iron	221 70
Sale of furniture	12 35
Fines	7 84
Del. Tax and Sales Co.	
Treas.	1 221 73

Note	1 000 00
State Share—Day school for deaf	749 70
1909 Tax	20 153 35
	<u>\$29 885 89</u>

Teachers' Salaries.

Cash on hand May 1, 1909	\$11 352 99
Primary School	13 885 00
1909 Tax	14 339 89
1909 Tax, 1 mill	4 263 19
	<u>\$43 841 09</u>

1909 General Tax.

Receipts.

1909 Tax Summer Assessment	\$35 951 67
1909 Tax, Re-assessed	2 804 76
	<u>\$38 756 43</u>

Actual cash receipts into Contingent fund less \$1000 loan	\$25 824 60
Actual cash receipts into Teachers Salaries Fund..	\$32 488 08
Actual disbursements from Contingent fund, not including for loan.....	\$22 044 50
Actual disbursements from Teachers Salaries Fund.	37 195 98

Cash Statement.

Cash on hand close of business April 21, 1910, Contingent Fund	\$ 6 841 39
Cash on hand close of business April 21, 1910, Teachers Salaries Fund	6 645 09
	<u>\$13 486 48</u>

Comparative Statement of Disbursements for the Fiscal Year Beginning May 1, 1907 and ending April 30, 1908, from May 1, 1908 to April 30, 1909, and from May 1, 1909 to April 30, 1910.

	1907-'08	1908-'09	1909-'10
Supt's, Teachers and Supervisors Salaries	\$33 042 21	\$35 662 50	\$37 195 98
Janitors	3 336 00	3 436 00	3 438 67
Repairs to buildings, plumbing, etc..	1 824 75	2 785 17	1 849 23
Electric lighting, new wiring, etc....	144 92	272 68	292 91
Electric Power	128 28	126 56	120 76
Telephones	120 00	120 00	120 00
Tools, equipment, etc., use of Janitors	360 10	245 72	219 36
Insurance	620 01	503 25	556 19
Fire Escapes		2 333 00	
Fuel—			
1907-'08	1908-'09	1909-'10	
Coal—			
1 264 92	1 929 95	2 279 58	
Wood—			

1 247 36	700 76	331 24		
Kindling—				
11 72	12 00	7 38		
\$ 524 00	\$2 642 71	\$2 618 20		
Totals	2 524 00	2 642 71	2 618 20	
Fuel purchased but resold.....		116 87		
Water	344 50	244 50	344 50	
Laundry, toweling, etc.....		3 729 32		
Extra janitor help	10 25	29 40	23 89	
Heating Syste mand Repairs		3 729 32	4 616 50	
Labor, etc, grounds	75 41	118 62	103 41	
Floor oil		54 95	54 22	
Black boards and labor incident....	103 71	24 30	82 21	
Soap, lime, bon-ami, oil.....	51 51	25 16	52 45	
Paint, etc	119 27			
Misce'l Supplies	21 94	16 98		
Domestic Science Supplies.....		300 25	266 38	
A. Tracy Lay, Domestic Science equip- ment		509 06	614 91	
Manual Training Supplies.....	52 85	161 14	133 27	
A. Tracy Lay Manual Training Equip- ment		1 268 53	59 14	
Freight and cartage	255 71	207 53	163 41	
Livery	13 50	5 00	200 00	
Truant Officer	285 00	285 00	285 00	
Teacher, day school for deaf.....	758 65	889 70	853 25	
Clerk hire	300 00	300 00	300 00	
Taking inventory of school property..		35 00		
Supt's Clerk	215 00	252 50	294 00	
Typewriter rental	45 00	67 50	100 70	
Supplies—				
Laboratory	337 07	278 18	345 44	
Kindergarten	129 31	94 45	174 23	
Biological		14 60		
General School	415 30	363 74	473 39	
Printing and Stationery—				
Letter Heads, Envelopes, etc.....	44 61	113 85	15 25	
School Stationery	157 53	160 99	98 41	
Notices, etc.			4 28	
Music, etc.	12 00	100 48	3 79	
Commencement Expense	113 50	84 50	125 35	
Census taking—				
Labor	77 80	76 16	71 37	
Stationery	4 30	19 50	9 50	
Library expense—				
Labor	60 75	55 50	57 00	
Binding magazines		24 35		
Magazines		5 50		
Postage, Express, Telegrams, etc....	43 01	56 36	46 21	
School furniture	9 25	145 71	254 94	
Exp. of Supt. to Convention.....		25 00		
Interest on Bonds	800 00	800 00	800 00	
Paving tax		455 67	375 56	
Notes paid		4 000 00	1 000 00	
Int. or temporary note		51 92	6 81	
Books—				
Regular text	448 46	526 35	526 52	
Supplementary Reading	196 27	149 63	55 60	
Library and dictionaries	1 76	110 13	207 43	
Drawing material	255 74	292 90	181 33	
Picture framing	75 25	24 05	9 75	

Tuning Pianos		7 50	68 84
Clocks and Repairs	12 74	10 00	25 25
Scissors		10 67	
Hitching Posts		5 70	
Board proceedings	24 40		2 25
Flags	16 75		
Cement Walks	54 75		
Inspection of School Bldgs	6 00		
Recording papers			1 25
Athletic Association			50 00
Wireless Telegraphy Supplies.....			22 28
Commercial Dept. Supplies			49 51
Exp. heating plans			8 40
Purchasing Agent and Overseer.....			225 00
Engineers services			50 00
Taxes, Tax deed			9 00
Rent of chair			7 50
Disinfecting			50
Painting boiler			3 00
Painting Bldg			85 00
Totals	\$48 049 12	\$64 962 98	\$60 240 48
Less payment of notes.....		4 000 00	1 000 00
	\$48 049 12	\$60 962 98	\$59 240 48

	Appropriation May 1, 1909. to April 30, 1910.	Disbursements May 1, 1909. to April 30, 1910.
Superintendent, teachers, supervisors	\$37 000 00	\$37 195 98
Janitors	3 500 00	3 438 67
Repairs to Buildings	2 500	1 849 23
Elect. lights and repair	250 00	292 91
Elec. Power	250 00	120 76
Telephones	125 00	120 00
Tools and Equipment	100 00	219 36
Insurance	825 00	556 19
Fuel	2 800 00	2 618 20
Water	350 00	344 50
Laundry	40 00	23 89
New heating system	5 500 00	4 646 50
Domestic Science Supplies.....	250 00	266 38
Manual Training	175 00	133 27
Truant Officer	300 00	285 00
Clerk hire	300 00	300 00
Supt's Clerk	275 00	294 00
Typewriter Rental	50 00	100 70
Supplies—Laboratory, Kindergarten, Biological, General School, crayons, paste, pens, pencils	650 00	993 06
Letter heads, Envelopes	125 00	15 25
School Stationery	175 00	102 69
Music	100 00	3 79
Commencement Expenses	100 00	125 35
Census taking	100 00	80 87
Library expenses, labor and binding magazines	100 00 60 00	57 00 46 21
Postage, express, telegrams, telephone toll	100 00	254 94
School furniture	750 00	789 55
Int. on Bonds	800 00	800 00
Books	750 00	789 55

Examination paper and drawing material	425 00	181 33
Picture framing	25 00	9 75
Paving tax, old and new.....	500 00	375 56
Incidentals	1 500 00	2 599 59
	<u>\$60 100 00</u>	<u>\$59 249 48</u>

The appropriation above given were practically intended for use during the year of September first to July 15. While the expjenditure cover a period from May 1st 1910 to April 30, 1910, which is made necessary for the reason that the city fiscal year and the school year do not begin at the same time.

Fuel Inventory.

Inventories, as reported to me verbally by the various janitors, show fuel on hand at the several buildings as follows:

Central—	Total
45 tons coal at \$3.90, \$175.-	
50; 5 cords wood at \$3.00,	
\$15.00	\$ 190 50

Approximate Cost of Fuel

Boardman Avenue—

45 tons coal at \$3.90, \$175.-	
50; 17 cords wood at \$2.25,	
\$38.25	213 75

Elmwood Avenue—

30 tons coal at \$3.90,	
\$117.00	177 00

Union Street—

20 tons coal at \$3.90, \$78.-	
00; 5 cords wood at \$3.00,	
\$15.00	93 00

Oak Park—

6 tons coal at \$3.90; \$23.40.	23 40
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Boonville—

15 cords wood at \$2.25....	33 75
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Total\$671 40

for Past Fiscal Year.

	Inventory 4-29-09.	Fuel Received.	Inventory April 28, 1910.	Approximate Cost 1909 to 1910.
Central	\$130 00	\$955 51	\$190 50	\$895 01
Boardman Avenue	220 00	407 25	213 75	413 50
Elmwood Avenue	97 50	411 23	117 00	391 73
Union Street	89 00	351 01	93 00	347 01
Oak Park	156 00	446 45	23 40	579 05
Boonville	40 00	46 75	33 75	53 00
				<u>\$2 679 30</u>

Inventory of Property Under Control of Board of Education.

Central	\$103 406 65
Boardman Ave.	36 343 95
Elmwood Ave.	35 217 41
Union St.	33 245 40
Oak Park	41 005 25
Boonville	1 897 50
State St. School.....	1 200 00
Five lots on Webster St....	750 00
Manual Training and Do-	

mestic Equipment 2 322 15

Total\$255 388 31

In making the above inventory I have added to last year's inventory \$25.00 each to the Elmwood and Boardman Ave. buildings for heating plants installed and \$674.05 for new manual training and domestic science equipment added this year.

Statement of Insurance.

	Amount Insurance in force.	Premiums coming due fiscal year 1910 to 1911
Building—		
Central	\$42 000 00	\$292 63
Boardman Avenue	20 625 00	
Elmwood Avenue	22 500 00	
Union Street	22 000 00	175 50
Oak Park	28 000 00	125 50
Boonville	1 000 00	15 00
East State Street	650 00	9 75
Frame building, 2nd St. and Elmwood Avenue	500 00	7 50
Total amount Insurance carried..		
Total of premiums to be paid during coming fiscal year.....	\$137 275 00	
		\$625 83

Respectfully submitted,
T. H. GILLIS, Clerk.

2.07/14
09a
10/11

PROPERTY OF
255 JUN 1914

ANNUAL REPORTS

OF THE CITY OF

Traverse City, Michigan

1910 - 1911

ANNUAL REPORTS

of the

City of Traverse City Michigan

**Fiscal Year Beginning May 1st, 1910
to April 30th, 1911**

09a
9/10/11

ANNUAL REPORTS

of the

City of Traverse City

City Clerk

Traverse City, Mich., April 24th, 1911.
To the Mayor and City Council,

Traverse City, Mich.
4581—Gentlemen:—I present here-
with my annual report as city clerk
of Traverse City for the fiscal year
beginning May 1, 1910 and ending
April 19, 1911:

Contingent.

Balance May 1, 1910.....\$	1,611 10
Interest on deposits.....	2,545 82
Recorder's Court Costs....	127 50
1910 tax fees—summer...	297 80
1910 tax fees—winter.....	202 84
Taxes paid Auditor General's office	134 39
Del. Tax and Tax Sales, Co. Treasurer's	3,217 87
Uncollected 3rd Tr. Del. Tax Co. Treasurer.....	81 68
Over run—State and county Tax	53 93
Rejected Tax, General Tax Fees	88 09
Refund—overpay	5 60
Transfers—	
On acc't making assessment E 9th St. Imp..	27 00
On acc't making assessment Webster St. Imp.	41 05
Licenses—	
Wholesale Liquor	75 00
Retail Liquor	4,600 00
City's proportion county retail liquor license..	5,445 00
Auctioneer's	30 00
Dray	255 00
Plumbers	\$10 00
Moving Pictures	100 00
Pool and Billiard	60 00
Medicine Show	78 00
Building Mover's	16 00
Launch	1 00
Hawkers, Peddlers	54 00
Refreshment stand	10 00
Circus and shows.....	175 00
Baseball novelty	1 00
Lodging House	7 00

\$19,264 55

Contingent. Disbursements.

Transfers	\$ 2,500 00
Notes and Interest	6,729 95
Express, freight and ctg..	21 22
Janitor	87 10
Postage	442 75
Printing and stationery.	156 91
General office supplies ...	248 15
Telegrams	11 20
Telephone and toll	42 25
Laundry	5 80
Insurance	50 80
Clerk	309 00
Expense, Ward Buildings.	71 56
Supplies—	
Clerk	4 34
Treasurer	66 05
Judge Recorder's Court.	53 50
City Attorney	4 00
Meat and Milk Inspector	2 50
Rent of City offices.....	1,000 00
Rent Fifth Ward Hall....	25 00
Appropriation—	
Humane Society	125 00
G. A. R.....	114 20
U. S. War Veterans.....	200 00
Grand Traverse Soldiers and Sailors	200 00
Grange	200 00
Elections—	
Elec. 4-4-10	3 00
Primary Elec. 3-15-10....	3 50
Primary Elec. 9-6-10....	198 75
Charter Revision, 9-6-10..	46 25
Registration 10, 18, 19-10	99 00
Election, 11-8-10	236 35
Primary Elec. 3-1-11.....	160 65
Primary 3-14-11	211 82
Charter 4-3-11	248 79
Registration 3-14-15-11 ..	76 90
General Elec. supplies...	3 90
Health Officer—	
Supplies	48 64
Disinfecting	170 00
Supervisor's Services—	
Board of Health	122 00
Making Annual Assess- ment rolls	836 00
Services with tax com-	

FINANCIAL AFFAIRS

missioners	30 00	Printing.	
Quarantine cases, etc...	37 00	Disbursements.	
Board of Review	10 00	Council Proceedings	\$ 501 90
Bd. of Health supplies..	54 72	Board of Education Pro-	
Indigent cases	10 00	ceedings	105 90
Care, etc., of deer.....	143 45	Bids—	
Recording papers	90	Fire Dept. Horse.....	1 20
Livery	7 50	Lighting	4 50
Clerk hire—City Treasurer	100 00	Notices—	
Extra labor	309 41	Pound Master	4 05
Justice Court supplies....	18 00	Board of Review.....	13 20
Office equipment	627 50	Ordinances	9 15
City Scavenger	9 20	Water	18 24
City Ambulance expense..	49 50	Bd. of Health	90
Bath houses	4 50	Paving Tax	8 40
Expense of Indians.....	1 75	E. 9th St. Imp.	4 05
Expense of drinking foun-		Webster St. Imp.	4 05
tain	97 22	Sewer	4 20
Subscriptions to magazines	8 00	Primary Elec. 9-6-10 State	
Remitted taxes	99 83	and Co. officers.....	9 90
Expense of Mayor, meeting		Primary Elec. 9-6-10	
League of Mich. Muc....	41 92	Charter Elec.	29 70
Barn rent	12 50	General Taxes	83 30
Lighting Investigation	63 54	Wellington St. Imp.	3 00
Cass St. Engine house land	90 00	Misse'l Notices	1 17
New fire team	600 00	Election and Registra-	
Stone expense	6 14	tions	127 50
Erroneous assessments—		Council Phamphlets	142 65
taxes	305 16		
Typewriting City Attorney	7 50		\$ 1,076 96
Engineers services, dock		Fire Dept.	
line, etc.	163 50	Receipts.	
Expense—Charter Revision	83 88	1910 Summer Tax	\$ 13,633 85
Audit Expense	24 23	1910 Summer Tax — Re-	
Labor—Geo. H. Cross as		assessed	741 27
City Attorney	50 00	Labor—Extra fire team....	498 59
On acc't County Treas., Re-		Sale of horses	650 00
fund cancelled Tax Sales	228 31	Balance on Chemical En-	
Building Inspectors	7 50	gine and interest	573 45
Expense dock line	32 50	Refund—Firemen's Conven-	
Dues—L. of M. M.	15 00	tion—from Chief Murray	20 00
Investigating Sewage dis-		Refund—Overpay	32 70
posal plant	47 00		
Wiring Second ward hall..	16 50		\$ 16,149 86
1910 Tax — City Dump		Fire Dept.	
Grounds	7 39	Disbursements.	
Bond Expense	73 75	Overdrawn balance May 1,	
	\$18,699 63	1910	\$ 231 54
		Regular	5,235 43
Printing.		Truck Co. No. 1.....	166 50
Receipts.		Hose Co. No. 3.....	67 75
Balance May 1, 1910.....	\$ 428 15	Hose Co. No. 4.....	72 00
1910 Summer Tax	1,129 88	Hose Co. No. 5.....	38 00
1910 Summer Tax — Re-		Light	51 60
assessed	61 43	Telephone	38 00
Transfers—		Water	12 60
On acc't printing E. 9th		Freight, ctge and express..	6 31
St. Imp.	25 80	New equipment	936 46
On acc't printing Web-		Repairs to equipment	185 28
ster St. Imp.	34 20	Repairs to building.....	4 32
		Horseshoeing	90 40
	\$ 1,679 46	Feed, hay, oats and bedding	923 17

Department expense	152 93
Chemical and battery supplies	110 78
Laundry	26 00
Veterinary and medicine..	45 50
Extra labor	16 20
Expense State Convention	125 00
Coal and Wood	225 77
Barn rent	55 00
Driver—extra fire team....	121 50
Rent of wagon	15 00
Transfer—Hydrant Rental	7,380 00

\$ 16,342 04

Salaries.

Receipts.

Balance May 1, 1910.....	\$ 1,424 69
1910 Summer Tax	5,272 75
1910 Summer Tax — Re-assessed	286 68
County's share Judge of Recorder's Court salary.	212 50

\$ 7,196 62

Salaries.

Disbursements.

T. H. Gillis, City Clerk...	\$ 1,800 00
R. S. Hastings, City Treasurer	1,200 00
F. Holdsworth, Health officer	300 00
C. D. Alway, City Attorney	200 00
A. F. Nerlinger, Judge of Recorder's Court	400 00
L. E. Bartlett, Meat and Milk Inspector	300 00
E. Wilhelm, Mayor	150 00
J. F. Haden, Alderman....	58 31
Geo. F. Kilbourne, Alderman	41 69
O. C. Moffatt, Alderman..	100 00
A. W. Rickerd, Alderman..	100 00
F. R. Goodrich, Alderman..	100 00
W. H. Abbott, Alderman..	100 00
Oscar Simpson, Alderman..	100 00
Jas. Murchie, Alderman...	100 00
M. A. Umlor, Alderman...	100 00
G. F. Smith, Alderman	100 00
B. C. Green, Alderman....	100 00
E. C. Hogan, Mem. Bd. of Public Works	100 00
J. H. McGough, Mem. Bd. of Public Works	100 00
Thos. Shane, Mem. Bd. of Public Works	100 00

\$ 5,650 00

Interest and Sinking.

Receipts.

Balance May 1, 1910.....	\$ 16,857 78
1910 Summer Tax	6,965 49
1910 Summer Tax — Re-	

assessed	378 94
Del. Tax and Tax. Sales	
Co. Treasurer	316 89
Rejected Tax	10

\$ 24,519 20

Interest and Sinking.

Disbursements.

Street Intersections—	
Cass and Union	315 00
Wash. and 8th Sts.....	585 00
Fifth and Wadsworth,	
8th and Webster	270 00
Interest, Refunding Bonds.	1,400 00
Refunding Bonds	7,000 00
Interest, Bridge Bonds....	630 00

\$ 10,200 00

Police.

Receipts.

1910 Summer Tax	\$ 4,218 21
1910 Summer Tax — Re-assessed	229 34
Refund—Overpay	50

\$ 4,448 05

Police.

Disbursements.

Overdrawn balance, May 1, 1910	\$ 63 25
Regular	4,079 66
Special	136 00
Light	18 56
Telephone and Toll.....	60 57
Chief's horse	60 00
Dept. Expense	45 72
Livery	65 00
Lunches and meals	6 95
Lodging	3 00
Horseshoeing	1 60
Oats and hay	5 25
Expense State Convention.	25 00
Medical Attendance	2 50
Cleaning bath houses	2 00
Expense of Indians	1 80
Office rent	110 00
Rprs. and new plumbing..	23 75

\$ 4,710 61

Library.

Receipts.

Balance May 1, 1910.....	\$ 1,088 30
1910 Summer Tax	2,636 38
1910 Summer Tax — Re-assessed	143 34
Book Fines	54 75
Court Fines	260 00
County Library Money....	373 15
Refund—Overpays	132 97

\$ 4,688 89

Library.		Watering trough, drinking fountains, etc.	
Disbursements.		70 00	
Librarian	\$ 420 00		
Ass't Librarian	410 00		\$ 39,633 97
Librarian—Oak Park	301 00		
Extra labor	43 25		
Janitor	482 25		
Janitor—Oak Park	13 50		
Light	117 00		
Insurance	260 00		
Fuel	391 42		
Books	1,212 46		
Misc'l supplies	161 55		
Equipment and repairs....	25 20		
Printing and Stationery...	15 00		
Grounds	12 30		
Water	18 00		
Telephone	8 00		
Subscriptions to magazines	14 00		
Laundry	5 00		
Repairs to building.....	84 75		
Repairs to plumbing.....	17 16		
Freight and Cartage.....	16 70		
Expense — Exhibit water colors	5 00		
	\$ 4,033 54		
Light.		Water.	
Receipts.		Disbursements.	
Balance May 1, 1910.....	\$ 835 18	Office,	
1910 Summer Tax	6,026 00	Superintendent	\$ 1,200 00
1910 Summer Tax — Re-		Clerk	300 00
assessed	327 64	Stationery and Printing...	24 10
Lights out	26 61	Insurance	98 75
	\$ 7,215 43	Interest	5,394 68
		Rebates	99 05
		Inspections	27 00
		Bonds	14,000 00
		Pumping.	
		Engineers	1,594 25
		Firemen	1,140 00
		Fuel—	
		Coal	131 63
		Wood	1,557 50
		Oil, waste, packing	186 58
		Light and lamps	100 40
		Telephone	14 50
		Boiler No. 1.....	41 53
		Boiler No. 2.....	9 01
		Equipment	11 35
		Maintenance.	
		Intake	57 64
		Pumps	69
		Boiler	39 85
		Aux. machinery	45 84
		Buildings	198 72
		Mains	82 64
		Hydrants	468 77
		Rprs. and testing meters..	136 88
		Hose and attachments	1 10
		Extra labor	261 00
		Sprinkling valves and rprs.	127 36
		Fountains	11 45
		Construction.	
		Labor	355 34
		Material	1,773 97
		Draying	19 85
		Meter boxes and covers...	54 53
		Horse drinking fountains..	80 35
		Valves	6 50
		Hydrants	263 00
		Taps	1,102 85
		Meters	1,475 14
		Tools	63 33
			\$ 32,557 13
Water.		General Sewer.	
Receipts.		Receipts.	
Balance May 1, 1910.....	\$ 13,181 53	Balance May 1, 1910.....	\$ 164 53
Schedule Rates	11,964 11	Delinquent Tax and Tax	
Meter Rates	5,151 74	Sales, Co. Treas—	
Meter Rental	462 00	Trunk No. 8	16 49
Water—Catholic Cemetery	27 50	Laternal No. 2, Dist. No. 8	99 38
Hydrant Rental	7,630 00	Laternal "I" Dist. No. 4..	13 47
Street Sprinkling	350 00	Sewer pipe—Webster St.	
Building Purposes	15 00		
Extra Water	3 50		
Taps	574 75		
Installing meters	146 75		
Water—Circus	10 50		
Pipe, etc., sold	12 84		
Sale iron, bbls., ashes, etc.	33 75		

Imp.	4 00	Tools, nails, etc.	38 08
Sewer between Washington and Webster Streets....	65 00	Lumber and labor on some Sixth St. Culvert.....	869 90 147 57
Credit balances of—		Newaygo St. Culvert	521 84
Lateral Sewer "I," Dist. No. 4	209 86	Plans for dock line	8 00
Lateral Sewer No. 1, Dist. No. 7	132 41	Livery and Dray	4 50
Lateral Sewer "H," Dist. No. 4	42 68	Railing—W. Front St. Bridge	13 55 5 17
Lateral Sewer No. 3, Dist. No. 8	758 74	Hauling dirt from bridges	
Transfer	2,500 00		\$ 1,916 54

Cemetery. Receipts.

General Sewer. Disbursements.	\$ 4,006 56	Balance May 1, 1910.....	\$ 1,330 17
Notes and interest	592 34	Lots sold—fiscal year ..	432 50
General Repair	222 24	Lots Delinquent May 1, 1906	40 00
Sewer Pipe	7 43	Burials—fiscal year	594 00
Sanitary Sewer across E. 9th St.	105 08	Removals	44 00
Draying	3 25	Care of Lots—fiscal year..	725 00
Fourth Ward Sanitary Sewer	43 29	Grading Lots	223 48
Plans and estimates.....	55 00	Extra labor on lots	114 50
Catch basin, etc., Bay St..	15 34	Foundations	12 70
Rprs. Smith & Price sewer	7 00	Putting up tents	22 50
Lateral Sewer between Wash. and Webster Sts.	92 65	Burials—Delinquent May 1 1906	5 00
Rebates—		1910 Summer Tax	414 30
Lateral "H," District No. 4	78 48	1910 Summer Tax—Re- assessed	22 53
Lateral No. 1, Dist. No. 7	117 80		\$ 3,980 68
Lateral "I," Dist. No. 4..	262 86		
Lateral No. 2, Dist. No. 8	553 64		
Lateral No. 3, Dist. No. 8	1,016 87		

Cemetery. Disbursements.

Transfers—		Sexton	\$ 780 00
City's 1-6 cost of Lat No. 5, Dist. No. 1.....	89 40	Horse hire	120 00
City's 1-6 cost of Lat. No. 6, Dist. No. 1	67 20	General labor	602 35
	\$ 3,329 87	Tools, Equipment and re- pairs	85 94
Bridge. Receipts.		Care of lots	458 82
Balance May 1, 1910.....	543 88	Watering lots	64 87
1910 Summer Tax	1,280 52	Cement	10 00
1910 Summer Tax—Re- assessed	69 62	Soil	110 50
Refund—Overpay	1 02	Sod	28 20
	\$ 1,895 04	New taps	145 09
Bridge. Disbursements.		Water	9 00
Cleaning Bridges	18 28	Telephone	12 00
Repairing Bridges—		New Addition	86 62
Cass Street Bridge.....	191 22	Lumber	4 71
Cedar Street	4 80	Repairs to Sexton's house.	8 80
W. Front	70 16	Transfer—Hydrant Rental	250 00
Eighth Street	7 72		\$ 2,776 90
Hauling Plank	15 75		

Park. Receipts.

		Balance May 1, 1910	\$ 887 75
		1910 Summer Tax	640 26
		1910 Summer Tax — Re- assessed	34 81
			\$ 1,562 92

Park.			
Disbursements.			
Hannah Park—		Misse'l sidewalk supplies.	30 47
Caretaker	\$ 262 26	Street signs expense	28 68
Cutting weeds	2 63	Repairs to City Scales....	2 50
Flowers, shrubs, etc. ...	126 45	Telephone, City Market...	15 00
Sprinkling system	110 14	Surveying	6 00
Clover seed	1 20	Rprs. to Cement sidewalks	36 48
Supplies, hose, etc.	29 20	Hauling Tarvia barrels ...	8 62
Filling	42 46	Freight and cartage—39	
Fertilizer and hauling ..	4 80	barrels Tarvia not used.	20 00
Lake Ave. Park—		39 barrels Tarvia not used	157 50
Flowers	4 00	Graveling Birchwood Ave.	300 05
Bryant Park	220 86	Paving Tax—Cor. Union	
West Side Park	249 82	and Tenth Sts.	70 75
		Insurance	69 50
		Horses, etc.	525 00
		Horseshoeing	1 40
	\$ 1,053 82	1911 Dog taxes and license	
General Street.		plates	23 65
Receipts.		Labor on Dump Grounds..	10 69
Balance May 1, 1910	\$ 1,999 41	Feed—City horses ..	22 94
Market Receipts	649 20	Transfers—	
Dog License	392 75	Over charge to E. 9th St.	
Street Cleanings sold	1 25	Imp.—Tarvia	392 31
Refund—overpay	1 30	Grading, etc., Munson	
Refund—Tarvia barrels ..	186 55	Ave., Garfield Ave., E.	
Delinquent Tax Co. Treas—		8th St. Imp.	899 95
Cement Sidewalk	86 30		
General Street	96 33		\$ 5,690 52
1910 Summer Tax	2,410 41	Street Dist. No. 1.	
1910 Summer Tax — Re-		Receipts.	
assessed	131 06	Balance May 1, 1910	\$ 2,268 63
Transfers—		1910 Cement Walks	211 93
Tarvia and cartage—		1910 Summer Tax	2,503 41
Wadsworth St. Imp....	143 03	1910 Summer Tax — Re-	
Tarvia and cartage—E.		assessed	75 01
9th St. Imp.	414 50	Delinquent Tax Co. Treas—	
Brick, E. 9th St. Imp....	36 00	General Tax	157 47
Brick, Webster St. Imp.	38 40	Refund—overpay	8 75
Tarvia, Webster St. Imp.	209 00		
Use of tools, Webster St.			\$ 5,225 20
Imp.	150 00	Street Dist. No. 1.	
Use of tools, E. 9th St.		Disbursements.	
Imp.	150 00	Labor, Cleaning Pavement \$	1,365 85
	\$ 7,095 49	Hauling dirt from Pave-	
General Street.		ment	336 73
Disbursements.		Sprinkling	804 62
St. Commissioner's salary. \$	1,298 40	General Repair	829 64
Care for market site.....	266 68	Cleaning Cross Walks....	5 81
Weighmaster	600 00	Draying	50
Tools, Rprs., etc.	436 96	Picking up stone	1 74
Killing and burying dogs..	272 00	Repairing walks	13 61
Hauling stone from gravel		Cutting Weeds	22 03
pit	24 75	Labor—Road Grader ..	87
Fuel, City Market	13 35	Cleaning Catch Basin....	25 00
Feed, St. Commissioner's		Repairs to pavement	4 75
horse	115 00	Cement Sidewalk—	
Light, City Market	6 00	Tearing up and filling..	55 32
Draying, Freight and Cart-		Gravel	83 88
age	29 19	Sand	24 00
General supplies	2 48	Draying	9 75
Supplies, weighmaster ...	4 22	Cement	151 94
		Snow Plowing	50 10

Leveling Snow	51 90	Street Dist. No. 3.	
Gutter Plowing	18 46	Disbursements.	
Shoveling Snow	81 67	Labor cleaning pavement	184 74
Standing Walks	9 71	Hauling dirt from pavement	291 20
Hauling Snow	47 00	Sprinkling	509 55
Transfer—		General repair	17 86
Water, Street Sprinkling	119 00	Cleaning cross walks	80
		Gutter plow	17 52
	\$ 4,384 58	Picking up stone	1 75
Street Dist. No. 2.		Repairing walks	28 95
Receipts.		Cutting weeds	17 84
Balance May 1, 1910.....	\$ 772 09	Labor—Road grader	23 00
1910 Cement Walk	121 89	Cleaning catch basins	97 90
1910 Summer Tax	2,053 54	Snow plowing	1 60
1910 Summer Tax — Re-		Leveling snow	41 95
assessed	97 30	Shoveling snow	1 75
Delinquent Tax Co. Treas—		Sanding walks	1 60
Cement walk	254 04	Hauling snow	
General Tax	80 35	Transfer— Water, street	
		sprinkling	49 00
	\$ 3,379 21	Cement Sidewalk—	
Street Dist. No. 2.		Labor	148 50
Disbursements.		Gravel	32 64
Labor, Cleaning Pavement \$	297 97	Sand	6 72
Hauling dirt from pavement	41 19	Draying	2 25
Sprinkling	562 00	Cement	78 81
General Repair	626 25		
Cleaning Cross Walks.....	21 67		\$ 2,121 68
Cleaning Catch Basins....	12 00	Street Dist. No. 4.	
Picking up stone	18 02	Receipts.	
Repairing walks	67 17	Balance May 1, 1910	\$ 373 21
Cutting weeds	31 58	1910 Cement Walk	167 71
Labor, Grader	21 49	1910 Summer Tax	2,346 17
Repairing washouts	64 44	1910 Summer Tax—Reas-	
Notes and interest	1,127 41	sessed	139 44
Draying	1 25	1910 Cement Walk—Reas-	
Cement Sidewalks—		sessed	108 45
Gravel	38 60	1910 Cement Walk fees....	3 03
Sand	8 64	Delinquent Tax—Co. Treas—	
Labor	95 47	Cement Walk	60 45
Draying	1 00	General Tax	51 06
Cement	84 14		
Snow Plowing	109 30		\$ 3,249 52
Shoveling Snow	91 03	Street Dist. No. 4.	
Hauling Snow	5 75	Disbursements.	
Gutter Plowing	1 67	Labor, cleaning pavement.\$	317 66
Transfer—		Hauling dirt from pavement	81 04
Street Sprinkling, water	84 00	Sprinkling	280 20
		General repair	412 20
	\$ 3,405 04	Cleaning cross walks	2 18
Street Dist. No. 3.		Picking up stone	10 97
Receipts.		Cutting weeds	6 95
Balance May 1, 1910	\$ 543 53	Labor, road grader	9 75
1910 Summer Tax	1,813 97	Cleaning catch basins....	8 10
1910 Summer Tax, Re-as-		Repairs, washout	3 40
sessed	145 79	Rebate—cement walk not	
Delinquent Tax—Co. Treas-		built	4 87
urer — Cement walk,		Cement Sidewalk—	
\$80.10; General Tax,		Tearing up and filling ..	37 10
\$81.69	161 79	Gravel	35 52
		Sand	16 32
	\$ 2,665 08	Labor	207 62

Cement	146 26	Draying	1 50
Draying	6 25	Cement	159 04
Snow plowing	57 50		\$ 4,571 55
Shoveling snow	16 50		
Leveling snow	2 17	Warf.	
Hauling snow	5 60	Receipts.	
Gutter plow	3 40	Bal. May 1, 1910.....	\$ 68 00
Labor St. Grades	2 00	Street Intersections.	
Transfer—St. sprinkling..	45 50	Receipts.	
	\$ 1,719 06	Bal. May 1, 1910.....	\$ 4,235 66
Street Dist. No. 5.		Street Intersections.	
Receipts.		Disbursements.	
Balance May 1, 1910	\$ 556 15	Transfers—	
1910 Cement walks	224 15	E. 9th St. Imp.—Union to	
1910 Summer Tax	2,433 88	Lake Ave.	\$ 1,061 06
1910 Summer Tax—Re-as-		Webster St. Imp.—Board-	
sessed	345 30	man Ave. to R. R. Ave.	932 16
1910 Cement walk—Re-as-		Wadsworth St. Imp.—	
sessed	124 42	Front St. to Sixth St...	399 48
1910 Cement Walk fees....	2 14		\$ 2,392 70
Rejected Tax	40	Cass St. Ex. Imp.	
Del. Tax, Co. Treas.—		Receipts.	
Cement Sidewalk	67 75	Fifth Installment—	
General Tax	195 36	Principal	\$ 339 44
Refund—Overpay	3 37	Interest	16 95
Transfers — Grading, etc.,		Delinquent Tax—Co. Treas.	52 04
Munson Ave., Garfield			\$ 408 43
Ave. and E. 8th St.....	899 1	Cass St. Ex. Imp.	
	\$ 4,852 87	Disbursements.	
Street Dist. No. 5.		Overdrawn balance May 1,	
Disbursements.		1910	\$ 13 82
Labor — Cleaning pave-		Rebates	15 77
ment	\$ 85 29	Note No. 4	381 13
Hauling dirt from pavement	26 15	Interest Coupon No. 4,	
Sprinkling	352 67	Note No. 4	19 05
General repair	1,391 45		\$ 429 77
Gravel	160 70	State and Cass.	
Cleaning cross walks	6 46	Receipts.	
Picking up stone	17 00	Delinquent Tax—Co. Treas.	\$ 53 86
Repairing walks	3 93	Front and Union St. Imp.	
Cutting weeds	18 37	Receipts.	
Labor, road grader	29 49	Balance May 1, 1910.....	\$ 59 44
Grading and graveling		E. State St. Imp.	
Birchwood Ave.	263 96	Receipts.	
Cleaning catch basin	2 00	Balance May 1, 1910.....	\$ 583 99
Hauling ashes, alley be-		Delinquent Tax—Co. Treas.	869 86
tween Wash. and Web.			\$ 1,273 85
Sts.	39 07	E. State St. Imp.	
Snow plowing	107 00	Disbursements.	
Shoveling snow	75 65	Interest	\$ 79 65
Notes and interest	1,356 92	Wellington St. Imp.	
Transfers—		Disbursements.	
St. sprinkling	52 50	Plans, estimates and speci-	
Erroneous Cr. St. Dist.		fications	\$ 30 00
No. 4—Cement walk	49 50	Assessment roll, etc.	8 00
Cement Sidewalks—			\$ 38 06
Tearing up and filling..	85 99		
Gravel	80 64		
Sand	25 92		
Labor	180 35		

E. Front St. Imp.		Delinquent Tax—Co. Treas.		102 39
Receipts.				
Del. Tax—Co. Treas.	\$ 42 51			\$ 1,186 08
E. Front St. Imp.		Washington St. Imp. No. 2.		
Disbursements.		Disbursements.		
Overdrawn balance, May 1,		Rebates	\$ 136 59	
1910	\$ 202 76	Note No. 3	1,065 95	
Interest	77 75	Int. Coupon No. 4, Note No.		
		3	53 30	
	\$ 280 51	Int. Coupon No. 3, Note No.		
W. Front St. Imp.		4	53 30	
Disbursements.		Int. Coupon No. 2, Note No.		
Overdrawn balance May 1,		5	53 30	
1910	\$ 526 27			\$ 1,362 44
So. Union St. Ex. Imp.		Fifth St. Imp.		
Balance May 1, 1910.....	\$ 791 03	Receipts.		
Receipts.		Balance May 1, 1910	\$ 1,609 23	
Fifth Installment—		Second Installment—		
Principal	1,408 97	Principal	670 37	
Interest	73 03	Interest	123 57	
Del. Tax—Co. Treasurer...	311 56	Second Installment—Re-as-		
Fifth Installment—Re-as-		sessed	180 46	
sessed	234 06	Third Installment—		
	\$ 2,818 65	Principal	128 51	
So. Union St. Ex. Imp.		Interest	6 90	
Disbursements.		Fourth Installment—		
Rebates	\$ 168 48	Principal	109 61	
Note No. 7	2,398 43	Interest	4 09	
Int. Coupon No. 4, Note No.		Fifth Installment—		
7	119 92	Principal	109 62	
Note No. 8	799 48	Interest	4 10	
Interest on Note No. 8....	39 98	Transfer—On acct. tarvia		
	\$ 3,526 29	and stone to Wadsworth		
Washington St. Imp. No. 1.		St. Imp.	76 01	
Receipts.				\$ 3,022 47
Balance May 1, 1910.....	\$ 472 68	Fifth Street Improvement.		
Del. Tax—Co. Treasurer..	92 05	Disbursements.		
Fourth Installment—		Rebates	\$ 119 84	
Principal	2,443 16	Notes	2,130 66	
Interest	248 49	Interest	259 17	
Fourth Installment—Re-as-				\$ 2,509 67
sessed	232 40	E. Ninth St. Improvement.		
	\$ 3,488 78	Receipts.		
Washington St. Imp. No. 1.		First Installment—		
Disbursements.		Principal	\$ 737 48	
Notes	\$ 4,060 63	Interest	1 44	
Interest	387 40	Second Installment—		
	\$ 4,448 03	Principal	181 63	
Washington St. Imp. No. 2.		Interest	3 20	
Receipts.		Third Installment—		
Balance May 1, 1910.....	\$ 49 62	Principal	181 63	
Refund	5 32	Interest	3 20	
Third Installment—		Fourth Installment—		
Principal	816 24	Principal	181 63	
Interest	123 12	Interest	2 80	
Third Installment—Re-as-		Fifth Installment—		
sessed	89 39	Principal	181 64	
		Interest	2 84	
		First Installment — Re-as-		

sessed	99 63	Sand	5 76
Notes sold	5,114 88	Lumber	43
Barrels sold	35	Draying	5 00
Transfers—		Cement	44 02
Intersections Union St. to Lake Ave.	1,061 06	Stone	157 34
Gen. St. Fund for pre- vious overcharged tar- via	392 31	Freight on stone	171 87
		Coal	12 00
		Supplies	22
		Tarvia	217 04
		Notes	959 11
	\$ 8,145 72	Rebates	89 73
		Interest	70 43

E. Ninth St. Improvement.**Disbursements.**

Labor	\$ 1,703 73
Draying	12 50
Gravel	95 07
Sand	27 84
Stakes	5 60
Catch basin and covers..	130 00
Sewer Pipe	135 62
Lumber	4 64
Cement	330 61
Stone	772 94
Freight on stone	850 17
Tarvia	1,036 71
Freight and cartage on tar- via	79 00
Miscellaneous supplies ...	60 04
Storm sewer	143 01
Wood and Coal	34 21
Team work	2 00
Brick	36 00
Rebates	281 32
Transfers—	
Use of tools	150 00
Printing	25 80
Assessment	27 00

\$ 5,943 81

Wadsworth St. Imp.**Receipts.**

Balance May 1, 1910	\$ 918 89
Second Installment—	
Principal	189 91
Interest	38 75
Second Installment—Re-as- sessed	71 76
Del. Tax—Co. Treas.	59 45
Notes sold	959 21
Transfers—Street intersec- tion, Front St. to Sixth street	399 48

\$ 2,637 45

Wadsworth St. Imp.**Disbursements.**

Labor—Filling	\$ 150 88
Paving	188 33
Curb	92 24
Grades	12 00
Supt.	10 00
Gravel	21 12

\$ 2,207 52

Webster Street Improvement.**Receipts.**

First Installment—	
Principal	68 50
Interest	2 56
Second Installment—	
Principal	68 51
Third Installment—	
Principal	68 51
Fourth Installment—	
Principal	68 51
Fifth Installment—	
Principal	68 52
First Installment — Re-as- sessed	71 59
Notes Sold	5,577 08
Sale of soil	5 80
Transfer — Intersection Boardman Ave. to Rail- road Ave.	932 16

\$ 7,824 44

Webster Street Improvement.**Disbursements.**

Gravel	\$ 114 54
Sand	33 60
Labor—Filling	6 50
Paving	1,967 13
Catch basins	34 49
Sewer connection	14 00
Grades	24 00
Supt.	20 00
Sewer pipe	28 55
Draying	5 50
Rebates	212 38
Miscellaneous supplies....	10 64
Cement	323 86
Catch basins	131 57
Lumber	1 88
Stone	837 52
Freight on stone	965 80
Tarvia	716 60
Freight and cartage on tar- via	66 00
Wood and coal	46 27
Brick	38 40
Sewer pipe	4 00
Transfers—	

Printing	34 20	Lateral Sewer No. 6, District No. 1.	
Assessment	41 05	Receipts.	
Use of tools	150 00	Balance May 1, 1910	\$ 536 65
		Second Installment—	
	\$ 5,828 48	Principal	80 51
Eighth St. Imp. No. 1.		Interest	16 53
Receipts.		Second Installment—Re-as-	
Balance May 1, 1910	\$ 1,859 38	sessed	12 48
Fourth Installment—		Del. Tax—Co. Treas.	13 19
Principal	2,633 65	Transfer — Overcharge 1-6	
Interest	266 89	city's share	67 20
Fifth Installment—			
Principal	198 90		\$ 726 56
Interest	7 27	Lateral Sewer No. 6, District No. 1.	
Fourth Installment—Re-as-		Disbursements.	
sessed	431 18	Notes	\$ 233 57
Del. Tax—Co. Treas.	242 37	Interest	29 69
		Rebats	60 96
Eighth St. Imp. No. 1.		Refund—Over-assessment .	9 08
Disbursements.			
Notes	4,836 41		\$ 333 30
Interest	483 60	Lateral Sewer No. 5, District No. 1.	
	\$ 5,320 01	Receipts.	
	\$ 5,639 64	Balance May 1, 1910	\$ 604 53
Eighth St. Imp. No. 2.		Second Installment—	
Receipts.		Principal	146 75
Balance May 1, 1910	\$ 2,952 81	Interest	28 34
Second Installment—		Second Installment—Re-as-	
Principal	906 24	sessed	68 98
Interest	183 11	Delinquent Tax—Co. Treas.	9 64
Second Installment—Re-as-		Transfer—Overcharge, 1-6	
sessed	251 81	city's share	89 40
Del. Tax—Co. Treas	75 04		
			\$ 947 64
	\$ 4,369 01	Lateral Sewer No. 5, District No. 1.	
Eighth St. Imp. No. 2.		Disbursements.	
Disbursements.		Notes	\$ 551 88
Rebates	\$ 248 84	Interest	69 63
Notes	3,122 59	Rebates	256 78
Interest	346 21		
			\$ 878 29
	\$ 3,717 64	Lateral Sewer No. 3, District No. 8.	
Park St. Imp.		Receipts.	
Receipts.		Balance May 1, 1910	\$ 711 99
Balance May 1, 1910	\$ 121 79	Delinquent Tax—Co. Treas.	46 75
Third Installment — Re-as-			
sessed	159 80		\$ 758 74
		Lateral Sewer No. 3, District No. 8.	
	\$ 281 59	Disbursements.	
Park St. Imp.		Transfer	\$ 758 74
Disbursements.		Lateral Sewer No. 1, District No. 7.	
Note No. 3	\$ 534 60	Receipts.	
Int. Coupon No. 4, Note No.		Balance May 1, 1910	\$ 132 41
3	26 73	Lateral Sewer No. 1, District No. 7.	
Int. Coupon No. 3, Note No.		Disbursements.	
4.	26 73	Transfer	\$ 132 41
Int. Coupon No. 2, Note No.		Lateral Sewer H, District No. 4.	
5	26 73	Receipts.	
Rebates	13 08	Balance May 1, 1910	\$ 14 08
		Delinquent Tax—Co. Treas.	28 60
	\$ 627 87		
			\$ 42 68

Lateral Sewer H, District No. 4.		Cemetery	436 83
Disbursements.		Park	675 07
Transfer	\$ 42 68	General street	2,541 47
Lateral Sewer 1, District No. 4.			
Disbursements.			\$ 39,710 28
Balance May 1, 1910	\$ 191 91	State, County and County Road	
Del. Tax—Co. Treas.....	17 95	Receipts.	
	\$ 209 86	State Tax	\$ 13,382 42
Lateral Sewer 1, District No. 4.		County Tax	17,261 36
Receipts.		County Road Tax	9,885 99
Transfer	\$ 209 86	Rejected Tax—	
General City Tax.		State Tax	28
Receipts.		County Tax	40
1910 Summer Tax	\$ 37,662 56		\$ 40,530 45
1910 Summer Tax—Re-as-		State, County and County Road	
sessed	2,047 72	Disbursements.	
	\$ 39,710 28	State	\$ 13,353 51
General City Tax.		County	17,259 16
Receipts.		County Road	9,863 17
Printing	\$ 1,191 31	Rejected Tax—	
Fire	14,375 12	State	28
Salaries	5,559 43	County	40
Police	4,447 55	Over-run State Tax	28 91
Library	2,779 72	Over-run County Tax	2 20
Light	6,353 64	Over-run County Road Tax	22 82
Bridge	1,350 14		\$ 40,530 45

TABLE NO. 1.

Assessed valuation of the city for the years:

	1907.		
	Real.	Personal.	Total.
First ward	\$1,463,930 00	\$ 748,305 00	\$2,212,235 00
Second ward	522,850 00	155,145 75	677,995 75
Third ward	719,105 00	117,809 00	836,914 00
Fourth ward	381,130 00	121,846 34	502,976 34
Fifth ward	382,435 00	10,235 00	392,670 00
	<hr/>	<hr/>	<hr/>
	\$3,469,450 00	\$1,152,341 09	\$4,622,791 09
	1908.		
First ward	\$1,462,190 00	\$ 739,912 00	\$2,202,102 00
Second ward	531,440 00	165,360 00	696,800 00
Third ward	722,010 00	147,706 00	869,716 00
Fourth ward	392,650 00	121,075 00	513,725 00
Fifth ward	384,550 00	11,522 00	396,072 00
	<hr/>	<hr/>	<hr/>
	\$3,492,840 00	\$1,185,575 00	\$4,678,415 00
	1909.		
First ward	\$1,490,505 00	\$ 739,783 00	\$2,230,288 00
Second ward	569,630 00	114,395 00	684,025 00
Third ward	733,085 00	149,037 00	882,122 00
Fourth ward	399,255 00	115,963 00	511,218 00
Fifth ward	390,985 00	11,401 00	402,386 00
	<hr/>	<hr/>	<hr/>
	\$3,583,460 00	\$1,130,579 00	\$4,710,039 00
	1910.		
(As determined by Board of State Tax Commissioners.)			
First ward	\$2,423,700 00	\$1,116,303 20	\$3,540,003 20
Second ward	941,595 00	204,176 00	1,145,771 00
Third ward	1,240,490 00	157,823 00	1,398,313 00
Fourth ward	686,330 00	198,993 00	885,323 00
Fifth ward	801,250 00	21,898 00	823,148 00
	<hr/>	<hr/>	<hr/>
	\$6,093,365 00	\$1,699,193 20	\$7,792,558 20

TABLE NO. 2.

Ward 1.

	Real	Personal.	Total.
Valuation of State Tax			
Commission	\$2,423,700 00	\$1,116,303 20	\$3,540,003 20
Valuation of Supervisors.....	1,500,430 00	688,368 20	2,188,798 20
Increase	\$ 923,270 00	\$ 427,935 00	\$1,351,205 00

Ward 2.

	Real	Personal.	Total.
Valuation of State Tax			
Commission	\$ 941,595 00	\$ 204,176 00	\$1,145,771 00
Valuation of Supervisors	554,000 00	126,016 00	680,016 00
Increase	\$ 387,595 00	\$ 78,160 00	\$ 465,755 00

Ward 3.

	Real	Personal.	Total.
Valuation of State Tax			
Commission	\$1,240,490 00	\$ 157,823 00	\$1,398,313 00
Valuation of Supervisors	728,410 00	144,543 00	872,953 00
Increase	\$ 512,080 00	\$ 13,280 00	\$ 525,360 00

Ward 4.

	Real	Personal.	Total.
Valuation of State Tax			
Commission	\$ 686,330 00	\$ 198,993 00	\$ 885,323 00
Valuation of Supervisors.....	393,065 00	134,808 00	527,873 00
Increase	\$ 293,265 00	\$ 64,185 00	\$ 357,450 00

Ward 5.

	Real	Personal.	Total.
Valuation of State Tax			
Commission	\$ 801,250 00	\$ 21,898 00	\$ 823,148 00
Valuation of Supervisors	390,625 00	16,818 00	407,443 00
Increase	\$ 410,625 00	\$ 5,080 00	\$ 415,705 00

	Real	Personal.	Total.
Increase, Ward 1.....	\$ 823,270 00	\$ 427,935 00	\$1,351,205 00
Increase, Ward 2.....	387,595 00	78,160 00	465,755 00
Increase, Ward 3.....	512,080 00	13,280 00	525,310 00
Increase, Ward 4.....	293,265 00	64,185 00	357,450 00
Increase, Ward 5.....	410,625 00	5,080 00	415,705 00

Total	\$2,526,835 00	\$ 588,640 00	\$3,115,475 00
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TABLE NO. 3.

The following table shows amount of tax assessed for use in the various city departments for the years 1907, 1908, 1909 and 1910:

	City Tax Assessed.			
	1907	1908.	1909.	1910.
School	\$33,626 01	\$38,225 53	\$40,714 04	\$37,800 45
Printing	900 00	945 00	1,500 00	1,000 00
Fire	6,800 00	5,119 00	16,663 00	15,563 00
Salaries	8,960 00	5,868 00	8,960 00	5,650 00
Interest and Sinking ...	4,626 14	4,681 19	9,424 21	7,798 31
Police	4,500 00	4,913 00	4,900 00	4,752 00
Library	2,500 00	2,933 00	4,000 00	3,000 00
Light	5,800 00	6,825 00	6,300 00	6,800 00
Water	5,200 00	4,200 00		
Bridge	1,500 00	1,050 00		1,432 00
Cemetery	500 00	525 00	500 00	500 00
Park	1,000 00	3,150 00	1,000 00	750 00
General street	8,000 00	5,400 00	2,800 00	2,700 00
Street Dist. No. 1.....	2,212 71	4,404 25	4,460 66	2,655 81
Street Dist. No. 2.....	2,034 89	2,091 30	2,744 10	2,291 57
Street Dist. No. 3.....	1,673 93	1,739 59	2,646 61	2,099 58
Street Dist. No. 4.....	1,006 00	1,027 45	2,044 88	2,656 59
Street Dist. No. 5.....	1,179 18	1,584 29	2,013 21	3,292 60
Total	\$92,018 86	\$94,681 60	\$110,670 71	\$99,752 91

The increase in taxes assessed in 1909 and 1910 in the fire fund is due to the amount raised as a fire hydrant rental.

TABLE NO. 4.
Tax Rates for the Years:

	1907			1908			1909			1910				
	City	State	County	City	State	County	City	State	County	County Road	City	State	County	County Road
Ward 1	\$1.92	\$.33	\$.38	\$1.99	\$.28	\$.40	\$2.26	\$.39	\$.55	\$.20	\$1.21	\$.19	\$.24	\$.14
Ward 2	2.12	.33	.38	2.09	.28	.40	2.46	.39	.55	.20	1.33	.19	.24	.14
Ward 3	2.02	.33	.38	1.99	.28	.40	2.36	.39	.55	.20	1.28	.19	.24	.14
Ward 4	2.02	.33	.38	1.99	.28	.40	2.46	.39	.55	.20	1.43	.19	.24	.14
Ward 5	2.12	.33	.38	2.19	.28	.40	2.56	.39	.55	.20	1.53	.19	.24	.14
Average	2.04	.33	.38	2.05	.28	.40	2.42	.39	.55	.20	1.36	.19	.24	.14
Total yearly average on \$100 valua- tion	\$2.75			\$2.73			\$3.56				\$1.93			

Over drawn Funds.		Permanent Improvement		Notes
Fire	\$ 192.18	Webster Street Improve-	ment	\$ 5,577.08
Police	262.56	Eighth Street Improve-	ment No. 1.....	4,836.41
Bridge	21.50	Washington Street Improve-	ment No. 1.....	3,686.01
Street Dist. No. 2.....	25.83	Washington Street Improve-	ment No. 2	2,131.92
Cass Street Ex. Imp.....	21.34	Park Street Improvement..		1,069.20
East Front Street Imp.....	238.00	Fifth Street Improvement.		3,196.09
West Front Street Imp.....	526.27	Wadsworth Street Improve-	ment	1,438.77
South Union Street Ex. Imp.	707.64	Eighth Street Improve-	ment No. 2.....	4,684.24
Washington Street Imp.....		East Ninth Street Im-	provement	5,114.88
No. 1.....	959.25	Lateral Sewer No. 5, Dist.	No. 1.	828.56
Washington St. Imp.....		Lateral Sewer No. 6, Dist.	No. 1	350.66
No. 2.....	176.36	Total		\$32,913.82
Park Street Imp.....	346.28	Temporary Notes.		
Wellington Street Imp.....	38.00	Abbott Voting Machines...\$	550.00	
Total	\$ 3,515.21	Street district No. 2.....	648.77	
Resources		Street District No. 5.....	1,073.84	
City Council.....	\$ 33,110.00	Total	\$ 2,272.61	
Water Department.....	197,405.18	Balances Close of Fiscal Year.		
Board of Public Works....	52,485.24	April 19, 1911.		
Board of Education.....	255,388.31	Contingent	\$ 564.92	
Board of Library Trustees	41,000.00	Printing	602.50	
Total..	\$579,388.73	Salaries	1,546.62	
Taxes Assessments, and Items for		Interest and Sinking	14,319.20	
Collection in the Various		Library	655.35	
Departments		Light	1,042.93	
Improvements	\$ 24,814.17	Water	7076.84	
Delinquent personal tax....	1,456.41	Genearl Sewer	676.69	
Delinquent Tax at the coun-		Cemetery	1,203.78	
ty treasurer's office for		Park	509.10	
collection (exclusive of		Genearl Street	1,404.97	
the delinquent school		Street District No. 1.....	840.62	
tax)	12,093.36	Street District No. 3.....	543.40	
Water, Schedule	8.00	Street District No. 4.....	1,530.46	
Water, Meter	19.22	Street District No. 5.	281.32	
Taps, etc.	15.00	East State Street Imp....	1,194.20	
Cemetary Lots	79.50	Eighth Street Imp. No. 1..	391.63	
Cemetary Burials	131.00	Lateral Sewer No. 5, Dist.		
Cemetary, Care of Lots.....	427.75	No. 1	69.35	
Cemetary, Extra care of		Lateral Sewer No. 6, Dist.		
lots	56.00	No. 1	393.26	
Repairs to walks.....	149.10	Eighth Street Imp. No. 2..	651.37	
Interior and Exterior		Fifth Street Imp.....	512.80	
walks	147.65	Wadsworth Street Imp	429.93	
Items in question.....	4.00	Webster Street Imp	2,003.96	
Items dropped from water		Wharf	68.00	
book	188.07	Street Intersections	1,842.96	
Eighth St. private sewer		East Ninth Street Imp....	2,201.91	
connections	44.20	State and Cass	53.86	
		Front and Union.....	59.44	
	\$ 39,633.84	Total	\$ 42,599.37	
Liabilities				
Bonds				
Refunding	\$ 28,000.00			
Water	121,667.00			
School	20,000.00			
Bridge	15,000.00			
Street Intersections	26,000.00			
Total	\$210,667.00			

Fire	\$ 192.18	Board of Education—15.
Police	262.56	Board of Public Works—25.
Bridge	21.50	Board of Health—14.
Street District No. 2.....	25.83	Special Assessors—1
Cass Street Ex. Imp.....	21.34	Board of Review and Equalization
East Front Street Imp....	238.00	—6.
West Front Street Imp....	526.27	Charter Revision Commission—10.
South Union Street Ex.		We have in this office during this
Imp.	707.64	fiscal year, recorded 371 death certi-
Washington Street Imp.		ficates and 220 birth certificates, com-
No. 1	959.25	plete records of which have been
Washington Street Imp.		forwarded to the county clerk of this
No. 2	176.36	county and to the Department of
Park Street Imp.	346.28	State.
Wellington Street Imp....	38.00	During the same period of time we
Total Cash	39,084.16	have recorded 42 cemetery deeds and
		have issued 160 burial permits for
		burials in the city cemetery.
	\$ 42,599.37	

The following organized bodies of
the city have held meetings this year
as follows:

Council —43.

Respectfully submitted,

T. H. GILLIS,
City Clerk.

City Treasurer

Traverse City, Mich., April 18, 1911.
To the Honorable Mayor and Council
of the city of Traverse City, Mich.
4570—Gentlemen:—Following are the
balances of the different funds as
shown by the books of the Treasurer
of the city of Traverse City at the
close of business, April 18, 1911.

	Cr.
Contingent	\$ 564.92
Printing	602.50
Salaries	1,546.62
Interest and sinking	14,319.20
Library	655.35
Light	1,042.93
Water	7,076.84
General Sewer	676.69
Cemetery	1,203.78
Park	509.10
General Street	1,404.97
Street District No. 1.....	840.62
Street District No. 3.....	543.40
Street District No. 4.....	1,530.46
Street District No. 5.....	281.32
East State Street Imp	1,194.20
Eighth street Imp. No. 1...	319.63
Lateral Sewer District.....	69.35
Lateral Sewer District.....	393.26
Eighth Street Imp. No. 2...	651.37
Fifth Street Imp	512.80

Wadsworth Street Imp.	429.93
Webster Street Imp.	2,003.96
Wharf	68.00
Street intersections	1,842.96
Front and Union	59.44
Ninth Street Imp.....	2,201.91
State and Cass Street Imp..	53.86

\$42,599.37

Dr.

Fire	\$ 192.18
Police	262.56
Bridge	21.50
Street District No. 2	25.83
Cass Street Ex. Imp.....	21.34
East Front Street Imp....	238.00
West Front Street Imp....	526.27
South Union Street Ex. Imp.	707.64
Washington Street Imp.	
No. 1	959.25
Washington Street Imp.	
No. 2	176.36
Park Street Imp.	346.28
Wellington	38.00
C. O. H.	\$39,084.16

\$42,599.37

Respectfully,
R. S. HASTINGS,
City Treasurer.

Fire Department

Traverse City Mich., April 24, 1911.
To the Honorable the Mayor and City
Council of the City of Traverse
City, Michigan.

4574 — Gentlemen : — In accordance with law and the usual custom I have the honor to herewith submit to you the annual report of the Traverse City Fire Department for the year ending April 24, 1911.

This report in which will be found a record of the operations of the department for the past year, is the fifteenth annual report of this department.

The alarms and losses by fire with the amount of insurance thereon, together with such general information relative to the department as is of interest to your honorable body and the public.

Disbursements.

Salary of Chief	\$1,193.34
Salary of Assist. Chief	99.45
Salary of full paid men.....	3,929.46
Expense of Volunteers.....	346.25
Hay, Oats, Bedding, etc.....	480.63
Department Expense	106.38
Battery Supplies	103.78
New Equipment	232.17
Repairs to Equipment.....	179.53
Fuel	228.27
Horse Shoeing.....	43.05
Veterinary	20.50
Laundry	26.00
Barn Rent.....	55.00
Fireman's Convention	105.00
\$20.00 of Firemen's Convention money refunded.....	20.00
Telephones	38.00
Metal Polish	3.50
Paint	11.76
Horse Medicine	16.00
Freight	5.77
Chemical Supplies	8.75
Water	12.60
Light	51.60
Gas	22.54
Purchase of New Fire Team.	600.00
Report on Three Extra Horses Working on Streets.	
Hay, Oats, Bedding, etc.....	\$ 396.00
Horse Shoeing, Medicine, etc.	36.90
Pasture .....	.75
Driver	121.50
Total	\$8,494.43

Bills incurred previous	
fiscal year	212.93
Expense of street	
horses and driver.....	555.15
Refund Convention	
money	20.00
Over paid	23.09

811.17

Actual expenses of the department for the present fiscal year including new team..\$7683.31
This is a decrease in the actual expenditures of the department this year over last of \$1,978.98.

Property on Hand April 24, 1911.

Cass street Engine House and lot	\$ 7,450.00
Four Horses	825.00
Beds, Bed-clothing, etc.....	118.00
Harness, Blankets, etc.....	308.55
Two steam Fire Engines...	8,000.00
Hose wagons, sleighs, etc..	3,230.00
Fire alarm system	3,970.25
Four thousand eight hundred feet of hose	3,000.00
Nozzles, ladders, gongs, etc.	2,000.00
Total amount of property on hand.....	\$28,901.80

Receipts.

Earnings of extra horses....	\$ 498.59
Four horses transferred to Street Dept.	550.00
Wagon, sleigh, etc	100.00
Chemical engine sold to Northport	573.45
Heating Police station.....	25.00
Hose transferred to Street Dept.	50.04
Manure Sold	10.00
Refunded from Firemen's Convention money	20.00
Refunds over pay	32.70
Total	\$1,859.78

During the year, the department responded to 66 alarms, traveled 87 miles to and from fires, worked 58 hours at fires, and laid 12,800 feet of hose, at which the loss amounted to \$20,457.44, on which there was a total insurance of \$135,750. The insurance over the loss amounted to \$115,292.56.

Causes of Fires.

Defective chimneys	12
Carelessness with matches.....	7
Spontaneous combustion.....	3
Sparks from locomotives.....	2
Burning Rubbish	3
Lightning	2
Explosion of gasoline	1
Defective furnace	3
Carelessness with lighted cigars and cigarettes	4
Unknown	6
Chimney fires	19
False alarms	2

I wish to commend the firemen of both the regular and volunteer departments for their efficient work,

which has been demonstrated by the men being ever ready to execute their respective duties and obey orders

During the year I have issued 126 permits for wiring buildings and have inspected each building personally, finding them up to the national code of wiring but four, which I condemned.

In conclusion, allow me to tender my sincere thanks to the Mayor and Council for their support given this department the past year.

Very respectfully,
THOMAS C. MURRAY,
Chief of Fire Dept.

Superintendent of Water Works

Traverse City, Mich., April 22, 1911.
To the Hon. the Mayor and the City
Council, Traverse City, Mich.

4579—Gentlemen:—I submit herewith my report on the operation of the city water works for the year ending April 30, 1911.

Receipts.

Balance May 1, 1910.....	\$13,181 53
Schedule Rates	11,964 11
Meter Rates	5,151 74
Meter Rental	462 00
Water—Catholic Cemetery	27 00
Hydrant Rental	7,630 00
Street Sprinkling	350 00
Building Purposes	15 00
Extra Water	3 50
Taps	574 75
Installing meters	146 75
Water, Circus	10 50
Pipe, etc., sold	12 84
Sale Iron, bbls ashes, etc..	33.75
Watering troughs, drinking Fountains, etc.	70 00

\$39,633 97

Disbursements.

Office.

Superintendent	\$ 1,200 00
Clerk	300 00
Stationery and Printing....	24 10
Insurance	98 75
Interest	5,394 68
Rebates	99 05
Inspections	27 00
Bonds	14,000 00

Pumping.

Engineers	\$ 1,594 25
Fireman	1,140 00
Fuel, coal, \$131.63; wood, \$1,557.50	1,689.13
Oil, waste and packing	186 58
Lights and lamps	100 40
Telephone	14 50
Boiler No. 1.	41 53
Boiler No. 2.	9 01
Equipment	11 35

Maintenance.

Intake	57 64
Pumps	69
Boilers	39 85
Aux. Machinery	45 84
Buildings	198 72
Mains	82 64
Hydrants	468 77
Repairing and testing meter	136 88
Hose and attachements....	1 10
Extra labor	261 00

Sprinkling valves and re- pairs	127 36
Fountains	11 45

\$ 1,431 94

Construction.

Labor	355 34
Material	1,773 97
Draying	19 85
Meters, boxes and covers	54 43
Horse drinking fountain ..	80 35
Valves	6 50
Hydrants	263 00
Taps	1,102 85
Meters	1,475 14
Tools	63 33

\$ 5,194 86

Total Disbursements	\$32,557 13
To balance on hand.....	\$ 7,076 84

The following is an inventory of the property and tools of the city water works.

Two snow type, cross compound condensing pumping engines, ten million capacity including foundations complete with necessary piping, valves and connections\$38,000 00

One Heine water tube boiler, 125 H. P. 1,500 00

One horizontal tubular boiler, 125 H. P. 1,400 00

One Worthington Duplex boiler feed pumps..... 50 00

Auxiliary machinery including smokestack and all other machinery and piping connected inside plant 1,500 00

New Brick Engine room... 3,270 00

Brick Boiler room..... 1,000 00

Coal shed 100 00

Frame Building used for storage 600 00

Grounds consisting of 222 ft frontage on Bay St., at \$50 per ft 11,100 00

Lot on south side of Bay St., extending south to M. & N. E. tracks at \$50.00 per ft. 1,250 00

Lot on West Front St., 25 ft frontage extending to river at \$50.00 per ft.... 1,250 00

6800 ft of 16 inch water main laid, at \$2.00 per ft. 13,600 00

61000 ft of 12 inch water

main laid at \$1.50 per ft..	9,150 00	Largest month, July,	106,824,000
5800 ft. or 10 inch water		gal.	
main laid, at \$1.35 per ft.	7,830 00	Smallest day's pumping,	1,208,000
8700 ft. of 8 inch water		gal.	
main laid, at \$1.00 per ft.	8,700 00	Smalles month, Nov.,	40,776,000
82050 ft. of 6 inch water		gal.	
main laid, at 65c per ft...	53,332 50	Total operating and main-	
5840 ft. of 4 inch water		tenance expense for the	
main, laid at 50c per ft...	7920 00	year	\$13,263 22
8 16 inch water gates, at		While the total receipts, ex-	
\$50.00	400 00	clusive of Fire Hydrants	
18 12-inch water gates at		rental, amount to.....	18,100 44
\$38.00	684 00	Or a profit of	4,837 22
7 10-inch water gates, at		Fire Hydrants rental at	
\$25.00	175 00	\$30	7,630 00
118 6-inch water gates, at		Actual profit by municipal	
\$12.00	1,416 00	ownership	12,467 22
24 4-inch water gates, at		I would call your attention to the	
\$8.00	192 00	source of supply for the water works.	
255 fire hydrants, at \$30.00	7,650 00	Some ten years ago, or at the time of	
188 valve boxes set at \$3.50	658 00	installing the first Snow pumping en-	
1912 taps and material used		gine, it was also necessary to lay an	
to curb, average cost per		intake pipe out in the bay to accom-	
tap, \$8.40	16,060 80	modate this pump, not having but	
Intake pipe, 1700 ft. of 24		about \$2,400 available at that time	
inch steel pipe	5,000 00	for this purpose, the water commis-	
519 water meters and con-		sioners advised laying a 24-inch steel	
nections, sizes as follows:		pipe out in the bay 1200 ft., which	
1 6-inch meter	200 00	was done, the commissioners figured	
8 2-inch meters at \$40	320 00	at that time that this pipe would be	
6 1½-inch meters at \$30.00.	180 00	replaced with a permanent intake as	
4 1¼-inch meters at \$25.00.	100 00	soon as sufficient funds could be	
12 1-inch meters at \$12.00..	144 00	spared for this purpose,, at the time	
488 ¾-inch meters at \$8.48.	4,099 20	the temporary intake pipe was laid it	
15 meter boxes and covers at		was at least 30 inches under water	
\$4.00	60 00	near the shore at all times, water has	
1800 ft of 12-inch mains on		lowered in the bay since that time,	
hand, not laid, with fit-		until now at times the intake is par-	
tings	2,000 00	tially exposed, now then the present	
Tools used in laying water		intake pipe is not air tight and if the	
mains, tapping machine		water continues to lower in the bay,	
and other material on		as fast as it has in the past two years,	
hand	1,500 00	before another year, the pumps are li-	
		able to be getting air through the in-	
Total	\$202,391 50	take. Should this condition exist, it	
New construction done during the			
year as follows:			
450 ft of 4-inch water pipe laid.			
3400 ft of 6-inch water pipe laid.			
New Services ordered.....	112	I do not	
New taps on account paving.....	60	feel that there is any immediate dan-	
New meters set.....	108	ger from this source, however, it is	
New Fire hydrants set.....	8	time to prepare for a permanent in-	
New Gate valves set.....	6	take. This will need an expenditure	
The following is the pumping state-			
ment for the year:			
Gallons of water pumped during			
the year, 732,884,000 gal.			
Largest days pumping.	4,480,000	Respectfully submitted,	
gal.		H. O. JOYNT,	
Average, 2,007,904 gal.		Supt.	

Board of Public Works

Traverse City, Mich., April 24, 1911.			on walk	4 00
The Mayor and City Council,			5 mattocks	1 50
Traverse City, Mich.			2 crosscut saws	2 50
4576—Gentlemen:—The following is			4 hammers	2 00
the annual inventory of property in			9 wheelbarrows	13 50
our charge.			1 cart for repairing walks ..	2 00
Tool house and lot	\$1,200 00		1 sewer rod for open sewers	1 50
Gravel pit	1,000 00		4 trestles	3 00
Third ward building and lot	3,000 00		1 trestle	3 00
Market site	15,000 00		6 trestles for barricades ..	1 80
Hannah Park	4,000 00		1 scraper	1 50
West Bay Shore park	1,500 00		1 scraper chain	4 50
East Front Street park	500 00		2 catch basin covers	32 00
East Bay park	1,000 00		2 sets block and tackle	12 00
Original plat city cemetery.	3,500 00		1 block and loading chain ..	6 00
First addition to cemetery .	2,500 00		6 concrete tampers	6 00
Second addition to Cemetery	2,000 00		1 vice	4 00
Dumping grounds	400 00		5 hand axes	3 00
Second ward building and			3 neck yokes	2 25
lot	2,500 00		1 pump and pipe	6 00
Bryant park	2,100 00		7 hoes	3 50
178 cu. yds. crushed stone..	261 00		5 sledges	3 75
1 steam power concrete			1 adze	75
mixer	500 00		7 hydrant wrenches	1 75
1 hand power concrete mix-			4 hydrant reducers	2 00
er	125 00		1 heavy wagon	50 00
7 sprinklers	1,400 00		1 20th Century road grader	125 00
1 steam roller	3,000 00		40 bbls. tarvia	175 00
1 horse roller	300 00		5000 paving brick	120 00
1 traction engine	1,200 00		2 levels	1 50
1 street sweeper	125 00		2 hand screens	3 00
1 street grader	125 00		8 pails	3 20
1 wagon and tool box	50 00		2 set sidewalk fin. tools ..	2 00
1 stone crusher	400 00		2 squares	80
1 truck wagon	30 00		2 mixing platforms	4 00
1 dump wagon	45 00		1 mixing box	1 00
9 snow plows	55 00		1,100 ft. ¾ inch water pipe	44 00
1 trench pump and hose ..	75 00		5 pipe wrenches	6 50
60 trench jacks	125 00		1 brick towel	60
18 side walk frames	36 00		1 hose repair outfit	50
Paving brick	350 00		2 plows	1500
Sewer pipe	50 00		1 tar kettle	8 00
Maple lumber	25 00		1 tar dipper	50
4 crow bars	4 00		3 tar pails	1 20
20 shvoels	8 00		1 wheel scraper	12 00
7 street cleaner carts	56 00		2 tar funnels	80
14 picks	8 40		5 monkey wrenches	4 00
34 shovels	10 20		1 leveling scraper	2 00
5 scoops	3 75		2 slush boxes	4 00
15 lanterns	4 50		200 ft. 1½ inch water pipe	20 00
15 hoes	4 50		1 leveling block	1 00
4 rakes	1 40		1 heavy hand tamp	2 00
2 lawn mowers	6 00		2 cant hooks	1 50
500 ft. hose	40 00		1 set leveling pins	1 00
9 pavement scrapers	5 25		1 hand level	1 00
2 hand saws	3 00		1 pole axe	50
1 pike pole	75		6 stone chisels	1 50
2 snow scrapers	8 00		2 pair brick tongs	2 50
1 scraper to remove comb			2 pinch bars	1 50

1 tarpaulin	5 00	6 potato forks	9 50
5 slushing scrapers	2 50	1,130 ft. 9-inch tile	155 94
3 1-gallon oil cans	75	124 ft. 12-inch tile	32 24
1 cement mixer	400 00	36 ft. 15-inch tile	12 60
1 curb snow plow	10 00	16 ft. 24-inch tile	15 52
1 pair tongs for raising walks	5 00	800 ft. 4-inch tile	48 00
1 farmer's handy wagon	24 00		\$50,554 07
400 ft. garden hose	28 00	During the fiscal year the follow-	
5 doz. C. B. G. sprinklers ..	8 75	ing streets have been paved with	
5 iron garden rakes	3 75	Tarvia treated macadam:	
3 wooden hay rakes	1 00	East Ninth Street from Union	
1 pr. grass shears	60	Street to Lake Avenue.	
3 sickles	1 05	Webster Street from Boardman	
18 snow shovels	4 00	Avenue to Railroad Avenue, and the	
3 dirt shovels	2 25	paving on Wadsworth Street has	
2 garden spades	1 70	been completed from Front Street to	
1 wrench	1 75	Sixth Street.	
2 old lawn mowers	9 00	One culvert has been constructed	
3 large grave linings	4 50	and that over the asylum creek on	
2 small grave linings	1 75	Newaygo Street.	
2 set curbs for large graves	65 52	About one and one-sixth miles of	
2 set small curbing	9 00	cement walk has been constructed	
2 wheelbarrows	3 50	during the past year.	
1 snow plow	5 25	We respectfully refer you to the	
10 lawn seats	7 50	annual report of the city clerk for	
9 lawn seats, broken	4 50	detailed statements of the disburse-	
2 tarvia kettles	250 00	ments in the various departments.	
6 tarvia cans	9 50	Respectfully submitted,	
1 brace and 3 bits	2 00	THE BOARD OF PUBLIC WORKS,	
1 pr. sleighs	25 00	By T. H. Gillis.	
5 push brooms	1 50		

Chief of Police

Traverse City, Mich., April 24, 1911.
To the Honorable Mayor and City Council, Traverse City, Mich.

4572—Gentlemen:—I present herewith my report for the Police Department for the city of Traverse City, for the six months beginning November 1, 1910 and ending April 22, 1911.

During this time there has been a total of 131 arrests, and they were divided as follows:

Women 6
Men 125

Offenses Charged.

Drunk and disorderly 85
Assault and Battery 8
Defrauding Hotel 10
Defrauding Livery 2
Violating the Bicycle Ordinance .. 4
Violating the Cigarette Law 2
Violation of City Ordinance 2
Cruelty to Animals 1
Embezzlement 1
Abusive Language 1
Threats 1
Larceny, Grand 1
Larceny, Petit 5
Vagancy 1
False Pretenses 1
Improper behavior and conduct on public streets 2
Keeping house of ill fame 1
Furnishing liquor to Indians 1
Lewd and licentious cohabitation. 2

Incidental Duties.

Burglaries reported and investigated 2
Complaints reported and investigated 224
Fires attended and service rendered 8
Bicycles reported lost or stolen... 19
Bicycles found and returned to owners 12
Bicycles on hand 4
Telephone calls 963
Lost children taken to their parents 7
Doors of business places found open and secured 6
Destitute persons furnished lodging 9
Notices served for city 45
Warrants served 37
Dead animals reported to city Scavenger 2
Defective sidewalks reported 2
In closing I beg to thank you, one and all for your courtesy and consideration and to acknowledge the very valuable assistance you have accorded me in conducting the affairs committed to my charge. Officers and men of the department have as a whole been faithful and diligent in the discharge of duty.

Yours respectfully,
CHAS. L. CARSTEN,
Chief of Police.

Librarian

Traverse City, Mich., April 17, 1911.
To the Board of Library Trustees:

I have the pleasure of presenting to you the annual report of the Traverse City Public Library for the year ending, April 30, 1911.

Number of books issued by departments.

	Main Library	Oak Park Branch
Fiction	13,346	2,990
Juvenile Fiction	10,734	5,375
Philosophy	82	30
Religion	117	6
Sociology	738	396
Physiology	4	
Natural Science	415	256
Useful Arts	120	47
Fine Arts	247	54
Literature	546	176
History	384	248
Travel	353	78
Biography	255	154
Bound Magazines	758	277
Total	28,099	10,087

Total 38,186

Number of volumes in library by departments:

	Main Library	Oak Park Branch
Fiction	2,153	374
Juvenile fiction	1,194	208
Philosophy	70	8
Religion	139	6
Sociology	237	6
Physiology	632	
Natural Science	318	35
Useful Arts	148	3
Fine Arts	128	
Literature	717	62
History	586	89
Travel	281	26
Biography	355	39
General Works including bound magazines	787	55
Michigan documents	166	
Michigan pamphlets	135	
Gov't Documents	450	
Gov't pamphlets	2,743	
Geologic Atlases	196	
Art collections	3	

Total 11,779

ing the year by departments.

	Main Library	Oak Park Branch
Fiction	166	54
Juvenile fiction	82	64
Philosophy	6	2
Religion	8	
Sociology	24	6
Physiology	5	
Natural Science	26	7
Useful Arts	17	
Fine Arts	23	
Literature	117	4
History	44	9
Travel	33	10
Biography	31	7
General Work	61	21
Total	643	184

Number of persons using reading rooms:

	Main Library	Oak Park Branch
Men	2,400	428
Women	1,382	362
Children	4,829	5,164

Total 8,611
Number patrons enrolled: 5,954
14,565

	Main Library	Oak Park Branch
Main Library	3,661	
Branch		978
Total		4,639

New patrons added during year:

	Main Library	Oak Park Branch
Main Library	497	
Branch		186

Number children at story hour:

	Main Library	Oak Park Branch
Main Library	1,016	
Oak Park Branch		1,285

Total 2,300
Average 66

	Main Library	Oak Park Branch
Magazines subscribed for	47	12
Magazines donated ..	5	2
Newspapers subscribed for	3	1
Newspapers donated ..		1

Books lost and worn out
Fiction 48

Juvenile fiction... ..	82
Non. fiction	27
Total	157

Respectfully submitted,

HELEN STOUT,

Librarian.

To the Board of Library Trustees:

A year ago the thirtieth of last October a "Rental Collection" was started at the library, which has eminently pleased the patrons.

This collection consist of the best and most popular fiction. The books are loaned for five cents for seven days, and two cents a day is charged for every day the book is retained over the seven days. The money collected in this way is kept by itself and used merely to purchase books for this collection. As soon as a book pays for itself it is put into the gen-

eral collection. In this manner we are able to add to the library shelves the new fiction which is called for, and which we otherwise would not be able to purchase as rapidly as the patrons wish it.

The Board started the collection with eight books at an expense of \$4.55. Since then sixty-four books have been added, costing altogether \$65.53.

Forty-six books have been taken from the rental collection and added to the regular library shelves, altogether costing \$41.27. Twenty-six books still remain in the rental collection and there is \$2.48 in the treasury.

Respectfully submitted,

ALICE M. WAITE,

Assistant Librarian.

Library Trustees

To the Honorable Mayor and Common Council of the City of Traverse City.

4575—Gentlemen:—The Trustees of the Public Library of the City of Traverse City, have the honor to submit their 7th annual report of the Public Library.

The progress of the library in every essential continued to be gratifying during the past year, as you will observe by an examination of the Librarian's report hereto attached, of which, together with the financial report, we would earnestly ask your careful perusal.

The use and the value of the Library increases year by year and is an important factor in the intellectual life of our community, both for those of mature years and those younger.

By an inspection of the Librarian's report you will see that we had 14,565 persons in the Library during the year, showing an increase of 1600 which shows very conclusively that the citizens of Traverse City have an increasing use for the Public Library. Especially is this so with the pupils of our public schools. There is a close relationship between the public school and the library. Statistics show that pupils who are readers of good books have a much better standing in their grades than

those who read little or who read a poor class of books.

We endeavor to keep a constant watch on the character of the books we purchase, and only get the best. We work in connection with the public school teachers in obtaining books or reference which scholars require as helps in the studies they are pursuing, and so we are an aid to the proficiency of the student class of our city.

During the year we have had two art exhibits loaned from the Chicago Art Institute which were well patronized. A course of art and literary studies has been held in the parlors during the past winter. Two literary societies of high school students meet each week during the school year; the Woman's Club use the parlors throughout the year; so from the Library goes out an influence for good in our community life.

We would call your attention to the importance of our Branch Library on the Fifth ward. The number of our patrons there has increased 186 during the past year. The number of persons using the reading rooms has increased 1800. The total number of patrons using books at the Branch being 5900, as against 4100 last year; showing that families who live in the east part of our

city have an active use for a public library.

Our work with the young children of our public schools has been kept up during the past winter with good success; the average attendance being sixty six each story hour. We have purchased 827 new books during the year. Our total number of patrons is 4639.

We wish to express our appreciation of the gift from friends, of one picture and a number of books, and to the Record-Eagle Co., for the gift of their paper for our files, during the past year.

Our desire is to make this report brief, hoping the members of your honorable body will carefully examine the detailed report of the Librarian and the financial statement. We would respectfully petition that you make us an allowance of four thousand dollars for use during the next year.

We wish to express to you our thanks for your interest in this important branch of our City Government and to our people for their kindly interest in it.

Receipts.

Balance May 1, 1910.....	\$1,088.30
1910 Summer Tax	2,636.38
1910 Summer Tax—Re-	
assessed	143.34
Book Fines	54.77

Insurance	260.00
Extra Labor	43.25
Janitor	482.25
Janitor Oak Park	13.50
Light	117.00
County Library Money.....	373.15
Refunded overpays	132.97

\$4,688.89

Disbursements.

Librarian	\$ 420.00
Ass't Librarian	410.00
Librarian Oak Park.....	301.00
Court Fines	260.00
Fuel	$\frac{1}{4}$ 391.42
Books	1,212.46
Miscellaneous supplies	161.55
Equipment and Repairs	25.20
Printing and stationery	15.00
Grounds	12.30
Water	18.00
Telephone	8.00
Subscriptions to Magazines.	14.00
Laundry	5.00
Repairs to building	84.75
Repairs eto plumbing	17.16
Freight and cartage.....	16.70
Expense—Exhibit water	
colors	5.00

\$4,033.54

E. L. EDWARDS,
LEON F. TITUS,
JULIA S. UMLOR,
Trustees.

Recorders Court

Traverse City, Mich., May 1, 1911.
To the Honorable, the Mayor and common Council of the city of Traverse City:

4597.—Gentlemen:—I herewith submit my annual report as judge of the Recorders Court of the City of Traverse City for the year commencing April 26, 1910, and ending June 30, 1911, and also submit a report for my term of office commencing May 6, 1907 and ending April 30, 1911:

Total number of complaints taken, 251.

Total number of warrants issued, 256.

Total number of complaints taken for violation of the state law, 123.

Total number of warrants issued for violations of the state law, 123.

Total number of complaints taken for violations of city ordinances, 133.

Total number of warrants issued for violations of city ordinances, 133.

Total amount of money collected as fines and costs for violations of the state law, \$313.00.

Total amount of money paid to the county treasurer for fines and costs collected for violations of the state law, \$313.00.

Total amount of money collected as fines and costs for violations of city ordinances, \$425.25.

Total amount of money paid over to the city treasurer for fines and costs collected for violations of city ordinances, 425.25.

Number of complaints taken and warrants issued for violations of the state law as follows:

Assault and battery, 10.

Attempt to kill, 1.

Automobile law, 2.

Assault with attempt to commit rape, 1.

Bastardy, 1.

Cruelty to animals, 1.

Desertion, 2.

Disorderly persons, 14.

Furnishing intoxicating liquor to minor, 2.

Forgery, 1.

Giving cigarette to minor, 1.

Hiring livery with intent to defraud, 11.

Larceny, 17.

Lewd and lascivious cohabitation, 1.

Minor smoking cigarette on public

street, 1.

Non-support, 3.

Obtaining board with intent to defraud, 21.

Obtaining goods under false pretenses, 21.

Obtaining goods under false pretenses, 1.

Obtaining money under false pretenses, 1.

Profanely swearing by the name of God, 1.

Receiving stolen goods, knowing same to have been stolen, 1.

Search warrants, 5.

Selling intoxicating liquor to an Indian, 15.

Truancy, 1.

Using indecent and immoral language in presence of a woman, 5.

Number of complaints taken and warrants issued for violations of city ordinances as follows:

Ordinance relative to bicycles, 5.

Ordinance relative to city scavenger, 1.

Ordinance relative to drunk and disorderly persons, 41.

Ordinance relative to drunken persons, 70.

Ordinance relative to disorderly persons, 5.

Ordinance relative to draying, 2.

Ordinance relative to dogs, 3.

Ordinance relative to fast driving, 1.

Ordinance relative to peddling, 5.

Summary of term commencing May 6, 1907, and ending April 30, 1911:

Total number of complaints taken, 678.

Total number of warrants issued, 678.

Total number of complaints taken for violations of the state law, 379.

Total number of warrants issued for violations of the state law, 379.

Total number of complaints taken for violations of city ordinances, 299.

Total number of warrants issued for violations of city ordinances, 299.

Total amount of money collected as fines and costs for violations of the state law, \$1,260.35.

Total amount of money paid to the county treasurer for fines and costs collected for violations of the state law as shown by the books of the county clerk of Grand Traverse county, \$1,260.35.

Total amount of money collected as fines and costs for violations of city ordinances, \$1,106.15.

Total amount of money paid to the city treasurer of the city of Traverse City for fines and costs collected for violations of city ordinances as shown by the books of the city clerk of the city of Traverse City, \$1,106.15.

Number of complaints taken and warrants issued for violations of the state law from May 6, 1907, to April 30, 1911, as follows:

Assault and battery, 45.
Automobile law, 6.
Assault with intent to kill, 2.
Abandonment, 1.
Assault with intent to do great bodily harm less than the crime of murder, 1.

Assault with intent to commit rape, 1.

Arson, 1.

Attempt to kill, 1

Burglary, 1.

Bastardy, 1.

Cruelty to animals, 4.

Condemning illegal fish, 1.

Common prostitute, 1.

Crime against nature, 1.

Carrying concealed weapons, 1.

Desertion, 5.

Disorderly persons, 35.

Disturbing religious meeting, 1.

Forgery, 2.

Failure to pay board, 2.

Furnishing intoxicating liquors to minors, 2.

Gross indecency with a male person, 2.

Gambling, 3.

Giving cigarette to minor, 1.

Hiring livery with intent to defraud, 42.

Hiring livery horse without paying for same, 1.

Illegal fishing, 1.

Keeping saloon open on Sunday, 4.

Keeping house for resort of prostitutes, 1.

Lewd and lascivious cohabitation, 3.

Larceny, 65.

Malicious destruction of property, 1.

Minor smoking cigarette on public

street, 1.

Manslaughter, 1.

Non-support, 16.

Obtaining board with intent to defraud, 41.

Obtaining money under false pretenses, 4.

Obtaining goods under false pretenses, 6.

Profanely swearing by the name of God, 1.

Receiving stolen goods knowing the same to have been stolen, 4.

Surety to keep the peace, 12.

Search warrants, 11.

Selling intoxicating liquor to an Indian, 15.

Statutory rape, 3.

Swearing in presence of a woman, 1.

Shooting within city limits, 2.

Threatening to do great bodily harm, 1.

Truancy, 1.

Using indecent language in presence of a woman, 10.

Vagrancy, 8.

Violation of pure food law, 2.

Total number of complaints taken and warrants issued for violation of the city ordinances from May 6, 1907, to April 30, 1911, as follows:

Ordinance relative to bicycles, 45.

Ordinance relative to city scavenger, 1.

Ordinance relative to drunk and disorderly persons, 103.

Ordinance relative to drunken persons, 119.

Ordinance relative to dogs, 5.

Ordinance relative to draying, 3.

Ordinance relative to fast driving, 5.

Ordinance relative to keeping fruit covered, 1.

Ordinance relative to market, 2.

Ordinance relative to peddling, 6.

Ordinance relative to streets and walks, 1.

All of which is respectfully submitted.

Yours respectfully,

Amil F. Nerlinger,

Judge of the Recorder's Court, City of Traverse City.

Health Officer

To the City Council of the City of	Chicken Pox	3
Traverse City:	Measles	115
4477—I herewith present my annual	Typhoid fever	58
report for year 1910-11:	Small Pox	3
Number of investigation	Tuberculosis	50
222	Total	230
Reports of State Board of Health, 360	Disinfection	195
Meetings Board of Health		
14		
Number of communicable diseases		
as follows:	Respectfully submitted,	
Scarlet fever	F. HOLDSWORTH,	
14	Health Officer.	
Diphtheria		
2		
Pneumonia		
5		

Meat and Milk Inspector

Traverse City, Mich., April 24, 1911.
To the Honorable Mayor and Aldermen of Traverse City, Mich.

4573—Gentlemen:—I hereby present my annual report of dairies and meat markets for the year ending May 1, 1911.

There has been an average of 29 dairies inspected each month, with an average of 269 cows examined every month.

An average of 53 families in the city have kept an average of 58 cows and sold milk to neighbors.

Have tested 337 samples of milk and cream, making an average monthly test of 29 samples.

There has been an average monthly inspection of 18 meat markets and five slaughter houses.

The utensils and wagons used in handling and delivering the milk have been kept clean and in good condition.

The dairy conditions are being steadily improved. The dairymen are making an earnest effort to make the

conditions as near perfect as their means and surroundings will permit.

The state inspectors came and tested several suspected herds for tuberculosis; but no tuberculosis was found and the cows are pronounced in good condition. All of the meat markets are fairly well kept. Some of them are models of neatness and order and the meat kept is of the finest quality.

All the markets show an improvement in general conditions.

The slaughter houses are the most unsanitary part of the apparatus used in handling our meat and milk supply. It needs the most earnest effort of all concerned to get a better condition of things. It is very necessary that there be a central slaughter house where all the butchers are obliged to slaughter. It is also very desirable that there be efficient inspection at the time of slaughter.

Respectfully,
L. ETTA BARTLET, Insp.

City Scavenger

April 24, 1911.

To the Mayor and City Council, Traverse City, Mich.

4571—Gentlemen:—I respectfully report the following work done in the department during the past fiscal year:

Cesspools cleaned	17
Closets cleaned	786
Horses buried	37
Garbage removed from private homes, approx.	150 bbls.
Rubbish removed from alleys, ap-	

proximately	40 loads
Dogs killed and buried	243
11 cows placed in pound and redeemed.	
8 horses placed in pound and redeemed.	
7 chickens placed in pound and redeemed.	
1 horse sold.	
Dogs in pound now	21

Respectfully submitted,
GEORGE W. GEGNER.
City Scavenger.

City Weighmaster

Traverse City, Mich., April 22, 1911.		Scrap Iron	141
4580—Report of City Weighmaster,		Ice	80
year ending April 22, '11:		Rags and Paper	25
Weighed the following:		Copper and wire	2
	Loads	Beef	1
Potatoes	3746	Household goods	21
Hay	590	Squash	4
Straw	115	Chickens	4
Oate	56	Turkeys	2
Corn	231	Peach Pits	1
Cornstalks	25	Salt	1
Coal and Coke	786	Wood	3
Wheat	10		
Buckwheat	2	Total Loads.....	6408
Beans	13	Last Year.....	6195
Live stock	492		
Carrots	15		213
Tan Bark	6		
Apples	4		
Stone	32		

Respectfully,
A. H. POHORAL,
City Weighmaster.

Clerk of the Board of Education

384—Gentlemen:—I present herewith my annual report as secretary of the Board of Education for the fiscal year beginning May 1, 1910, and ending April 30, 1911.

Contingent. Receipts.

Balance May 1, 1910.....	\$ 6,841 39
Non-resident tuition	2,049 60
Interest on deposits	1,539 85
Chemistry fees	16 25
Laboratory fees	89 65
A. T. Lay, Domestic Science and Manual Training Equip.	1,049 32
Del. Tax, Co. Areas.....	1,763 34
1910 Summer Tax	12,493 35
1910 Summer Tax—Re- assessed	679 31
Rejected Tax—Re-assessed 1910	82
Refund—Day School for deaf	863 15
Refund—Overpays	5 70
	<hr/>
	\$ 27,391 73

Teachers' Salaries Receipts.

Balance May 1, 1910.....	\$ 6,645 09
Primary School	23,053 40
1910 Summer Tax, 1910 Reg.	12,493 34
1910, one mill	7,090 81
1910 Tax—Re-assessed, 1910 Reg. tax	679 30
One mill tax	385 55
	<hr/>
	\$ 50,347 49

Interest and Sinking Receipts.

1910 Tax	\$ 1,688 29
1910 Tax—Reassessed	91 80
	<hr/>
	\$ 1,780 09

Receipts.

General School Tax.

1910 Summer Tax	\$ 33,765 79
1910 Summer Tax—Re- assessed	1,835 96
	<hr/>
	\$ 35,601 75

Disbursements.

General School Tax.

Contingent	\$ 13,172 66
Interest and Sinking	1780 09
Teachers' Salaries	13,172 64
Teachers Salaries—one mill	7,476 36
	<hr/>
	\$ 35,601 75

Teachers' Salaries. Disbursements.

High—Regular	\$ 9,486 00
Central—Regular	3,963 00
Supply	47 00
Elmwood Ave.—Regular ..	5,027 20
Supply	49 75
Oak Park—Regular	5,798 25
Supply	70 00
Boardman Ave.—Regular..	4581 95
Supply	154 50
Union Street—Regular ...	3,500 08
Supply	31 00
Boonville—Regular	464 15
Superintendent	2,115 00
Supervisors	2,557 80
	<hr/>
	\$ 37,845 68

Central. Contingent Fund Disbursements.

Repairs to Building	\$ 222 98
Light	180 36
Power	12 00
Janitor	945 00
Tools, Repairs, Equipment.	31 65
Insurance	290 00
Water	67 50 00
Telephone	24 00
Repairs to heating and plumbing	100 32
Elec. wiring and fixtures..	123 74
Laundry	2 50
Coal	682 96
Grounds	25 00
Kindling	12 00
Furniture, carpets, etc. ..	176 70
Tuning pianos	3 75
Toilet Paper	3 50
Janitor's supplies— Brooms, brushes, mops, etc.	7 45
Turpentine, paint	3 55
Dusting cloth, etc.	3 22
Pails	1 95
	<hr/>
	\$ 2,920 13

Disbursements.

Elmwood Ave.

Contingent Fund.

Repairs to building.....	\$ 72 02
Light	29 06
Janitor	600 00
Tools, Equipment and Re- pairs	16 51
Insurance	7 50
Laundry	10 45
Water	88 00
Telephone	24 00

Repairs, Heating and Plumbing	32 09	Janitor's supplies—	
Coal	308 50	Paint, oil, etc.	1 90
Kindling	4 50	Brooms, brushes, mops .	10 65
Drawing Rubbish, etc.	10 20	Belts, tacks, hose clamps, etc.	1 55
Toilet Paper	3 50	Gold dust, soap, ammonia	25
Furniture	13 68	Dust cloth, toweling....	4 32
Tuning pianos	2 00		
Picture framing	2 00		\$ 1,879 44
Janitor's Supplies—		Disbursements.	
Picture wire	10	Union St.	
Soap, gold dust, soap, etc.	8 36	Contingent Fund.	
Dust cloth, pails, etc....	9 26	Repairs to Building	28 76
Mops, brooms, etc.,.....	3 92	Light	24 06
Matches	10	Power	143 07
	\$ 1,245 75	Tools, Equipment and Repairs	10 85
Disbursements.		Insurance	174 50
Boardman Ave.		Water	63 00
Contingent Fund.		Laundry	8 75
Repairs to building	53 36	Repairs, heating and plumbing	31 81
Light	24 48	Grounds	15
Janitor	600 00	Janitor	600 00
Tools, Equipment and repairs	10 30	Elec. wiring fixtures	2 25
Water	63 00	Commencement Expense..	1 62
Laundry	5 75	Telephone	24 00
Repairs, heating and plumbing	61 01	Coal	298 42
Grounds	1 50	Kindling	6 19
Commencement Exercises	1 28	Furniture	7 44
Telephone	24 00	Janitor's Supplies.	
Coal	296 45	Bon Ami Soap, etc.,.....	1 30
Kindling	6 19	Pails, Spade, Shovel	4 08
Balance on piano	52 79	Oil, Paint, etc	85
Elec. wiring, etc.,.....	6 78	Dust cloth, toweling, etc...	5 74
Furniture	7 44	Mops	95
Janitor's supplies—			\$ 1,437 79
Dust cloth, toweling, etc.	8 53	Disbursements.	
Mops	50	Boonville.	
	\$ 1,223 36	Contingent Fund.	
Disbursements.		Repairs to Building	1 75
Oak Park.		Janitor	101 00
Contingent Fund.		Tools, Equipment, Repairs	1 00
Repairs to building	53 58	Telephone	12 00
Light	37 85	Insurance	15 00
Janitor	681 50	Kindling	6 00
Tools, Equipment and Repairs	4 95	Janitor's supplies	2 24
Insurance	123 26		\$ 138 99
Water	63 00	Disbursements.	
Elec. wiring, etc.,.....	33 69	Incidentals.	
Laundry	6 31	Contingent Fund.	
Grounds	10 75	Freight and cartage.....	106 35
Repairs heating and plumbing	247 15	Truant Officer	285 00
Commencement expense ..	5 60	Day School for Deaf	549 60
Telephone	12 00	Clerk	300 00
Coal	568 07	Supt's Clerk	312 00
Kindling	5 62	Stamps, telegrams, express, etc.	48 47
Furniture	7 44	Labor in Library	57 00

Paving tax	444 79	Rice	40
Binders	7 00	Prunes	1 05
Typewriters	190 00	Apples	83
Rent of Chairs	26 47	Bread	2 87
Insurance	9 75	Oranges	1 14
Census taking:—		Coffee	93
Supplies	9 50	Flour	8 20
Labor	72 53....	Raisens	76
School of Instruction 1909		Vanilla, Lemon, etc.	1.95
1910	4 00	Bananas	2 12
Books.		Nuts	4 80
Regular text	599 42	Mustard, Peppercorn, etc. ..	52
Supplementary		Lettuce	50
reading	76 76	Sugar	16 70
Library	106 97	Pickles	25
Music	35 06....	Meat	2 48
Horticultural Supplies ...	3 80	Cream tartar, baking pow-	
Manual Training	7 09	der	2 60
General School	890 63	Bay leaves	05
Wireless Telegraphy	21 10	Corn meal	1 68
Commencement Expnse...	111 63	Cabbage and Tomatoes...	1 68
Laboratory expense	321 38	Starch	28
Comercial Dept. Expense.	28 95	Can rubbers, fly paper,	
Suction Sweepers and Sup-		etc.	75
plies	128 46	Kitchen utensils	9 93
Interest	800 00	Rent of machines	3 00
Medical Attendance of		Thread, san silk, yarn	
Schools	78 50	etc.	7 88
Balance on Heating Con-		Needles, shears, etc.....	5 60
tract	84 76	Cloth, toweling, etc.	53 50
Typewriter Rental	42 00	Peaches and Pears.....	40
Labor on Coal at Central		Dutch cleanser, gold dust,	
Bldg.	3 05	soap, etc.	6 45
Toilet paper, fixtures.....	31 28	Cheese	3 08
Magazines	6 45	Celery, parsley	25
Floor dressing	48 23	Flaks, rice, tapioca.....	1 35
Printing and Stationery:—		Potatoes	1 06
Cards, notices,		Molasses	93
etc.,	67 15	Macaroni	45
Letterheads, Envelopes,		Moulding boards, etc.	1 80
etc.	7 75....	Berries	2 00
Kindergarten Supplies ...	74 77	Citron	23
Drawing Supplies	200 87	Figs and dates	98
Livery	6 00	Asparagus	10
Music	23 08	Vinegar	1 20
		Salt	10
	\$ 6,227 80	Matches	1 00
Disbursements.		Chocolate	1 35
Domestic Science Supplies.		Lemons	1 18
Contingent Fund.		Spices	65
Gas	47 76	Tea	25
Milk	22 50	Shrimps	25
Labor in Kitchen	26 50	Peas	17
Eggs	17 17		
Corn	1 75		
Lard	4 60		
Yeast	97		
Carrots, Onions	82		
Salmon	45		
Butter	26 45		
Wafers, biscuit, etc.	50		
			\$ 305 98
		Disbursements.	
		A Tracy Lay, Domestic Science	
		Equipment.	
		Machine	90 00

Disbursements. Manual Training Supplies. Contingent Fund.		Disbursements. A Tracy Lay, Manual Training Equipment.	
Lumber, etc.	72 31	Miscel, equipment	130 47
Miscel. Supplies	12 30	Benches, etc.	154 80
Varnish, shellac, etc.	18 72		
	<hr/>		<hr/>
	\$ 103 33		\$ 285 27

Comparative statement of Disbursements for the Fiscal Year beginning May 1, 1907 and ending April 30, 1908 from May 1st, 1908 to April 30, 1909, from May 1, 1909 to April 30, 1910 and from May 1, 1910 to April 30, 1910.

	1907-08	1908-09	1909-10	1910-11
Supt's, Teachers and Supervisors Salaries	\$33,042 21	\$25,662 50	\$37,195 98	\$37,845 68
Janitors	3,336 00	3,466 69	3,438 67	3,527 50
Repairs to buildings, plumbing, etc.	1,824 75	6,514 49	6,592 13	989 59
Electric lighting, wiring, etc.	144 92	272 68	292 91	462 27
Elec. Power	128 28	126 56	120 76	155 07
Telephones	120 00	120 00	120 00	120 00
Tools, equipment, etc.....	360 10	245 72	219 36	203 72
Insurance	620 10	503 25	556 19	620 01
Fire Escapes		2,333 00		
Fuel—				
Coal—				
1907-8 1908-9 1909-10 1910-11				
\$1,264.92 \$1,929.95 \$2,279.58 \$2,157.45				
Wood—				
1,247.36 700.76 331.24				
Kindling—				
11.72 12.00 7.38 40.50				
	2,524 00	2,462 71	2,618 20	2,197 95
Fuel purchased but resold..		116 87		
Water	344 50	344 50	344 50	344 50
Laundry, etc.	10 25	29 40	23 89	33 76
Grounds	75 41	118 62	103 41	47 60
Floor oil		54 95	54 22	48 23
Blackboards and labor incident	103 71	24 30	82 21	
Janitor's supplies	170 78	25 16	52 45	80 77
Domestic Science Supplies		300 25	266 38	305 98
A. Tracy Lay Domestic Science Equipment		509 06	614 91	90 00
Manual Training Supplies..	52 85	161 14	133 27	110 42
A. Tracy Lay Domestic Science Equipment		1,268 53	59 14	285 27
Freight and Cartage	255 71	207 53	163 41	106 35
Livery	13 50	5 00	2 00	6 00
Truant Officer	285 00	285 00	285 00	285 00
Teacher, Day School for deaf	758 65	889 70	853 25	549 60
Clerk hire	300 00	300 00	300 00	300 00
Taking inventory of school property		35 00		
Supt's Clerk	215 00	252 50	294 00	312 00
Typewriter Rental	45 00	67 50	100 70	42 00

Supplies, Laboratory	337 07	278 18	345 44	321 38
Kindergarten	129 31	94 45	174 23	74 77
Biological and Horticultural		14 60		3 80
General School	453 99	397 09	473 39	928 91
Printing and Stationery....	226 54	274 84	121 44	81 90
Music	12 00	100 48	3 79	58 14
Commencement Expense ...	113 50	84 50	125 35	114 53
Census taking, labor	77 80	76 16	71 37	72 53
Supplies	4 30	19 50	9 50	9 50
Library Expense	60 75	85 35	57 00	63 65
Postage, Express, Telegrams, etc.	43 01	56 36	46 21	48 47
Furniture	9 25	145 71	254 94	265 49
Expense of Supt. to Convention		25 00		
Interest on Bonds	800 00	800 00	800 00	800 00
Paving Tax		455 67	375 56	444 79
Notes Paid		4,000 00	1,000 00	
Interest on Temporary Note		51 92	6 81	
Books: Regular Text	448 46	526 35	526 52	599 42
Supplementary Reading ..	196 27	194 63	55 60	76 76
Library	1 76	110 13	207 43	106 97
Drawing Supplies	255 74	292 90	181 33	200 87
Picture framing	75 25	24 05	9 75	2 00
Tuning pianos		7 50	68 84	5 75
Clocks and repairing	12 74	10 00	25 25	
Cement Walks	54 75			
Inspection of School Bldgs...	6 00			
Apprs. Athletic Asso.			50 00	
Wireless telegraphy supplies			22 28	21 10
Commercial Dept. supplies			49 51	34 55
Purchasing Agent and Overseer			225 00	
Engineer's services			50 00	
Taxes and Tax deed			9 00	
Rent of chairs			7 50	26 47
Medical Attendance, disinfecting, etc.			50	78 50
Typewriters				190 00
School of Instruction, '09-10				4 00
Totals	\$ 48,049 12	\$64,962 98	\$60,240 48	\$53,703 52
Less Payment of notes..		4,000 00	1,000 00	
Net Disbursements	\$ 48,049 12	\$60,962 98	\$59,240 48	\$53,703 52

	Appropriations	Disbursements
	May 1, 1910	May 1, 1911
	to	to
	May 1, 1911.	May 1, 1911
Superintendent, Teachers and Supervisors.....	\$ 37,000 00	\$37,845 68
Janitors	3,500 00	3,527 50
Repairs to Building	500 00	989 59
Elec. Light and repairs.....	400 00	462 27
Elec. Power	150 00	155 07
Telephones	125 00	120 00
Tools and Equipment	200 00	203 72
Insurance	800 00	620 01
Fuel	2,500 00	2,194 95
Water	350 00	344 50
Laundry	25 00	33 76
Domestic Science Supplies.....	250 00	305 98
Manual Training Supplies.....	300 00	285 00
Truant Officer	150 00	110 42
Clerk hire	300 00	300 00
Typewriter Rental	300 00	312 00
Biological Laboratory	400 00	321 38
Kindergarten	150 00	74 77
General School Supplies	350 00	928 91
School stationery, Printing, etc.	125 00	81 90
Commencement Expenses	125 00	114 53
Census taking	100 00	82 03
Library Expense	75 00	63 65
Postage, express, telegrams, etc.....	50 00	48 47
Intrest on Bonds	800 00	800 00
Books	700 00	783 15
Examination paper and drawing material.....	200 00	200 87
Paving tax	400 00	444 79
Incidentals	2,000 00	1,528 38
Manual Training Equipment.....		285 27
Domestic Science Equipment.....		90 00
	<hr/>	<hr/>
	\$ 52,400 00	\$53,703 52

Fuel Inventory.

Inventory as reported to me verbally by the various janitors, show fuel on hand at the various buildings as follows:

Central—

30 tons of coal at \$3.95..\$ 118 50

Boardman—

25 tons at \$3.95, \$98.75; 8

cords wood at \$2.75, \$22-

50 120 75

Elmwood—

6 tons at \$3.95 23 70

Union St.—

20 tons coal at \$3.95 79 00

Oak Park—

35 tons at \$3.95 138 25

Econville—

2 cords wood at \$1 50 . . . 3 00

Approximate Cost of Fuel for Past Fiscal Year.

	Inventory 4-28-10.	Fuel Received.	Inventory April 26, 1911.	Approximate Cost. 1910-11.
Central	\$190 50	\$698 01	\$118 50	\$770 01
Boardman Avenue	213 75	302 64	120 75	395 64
Elmwood Avenue	117 00	313 00	23 70	406 30
Union Street	93 00	304 61	79 00	318 61
Oak Park	23 40	573 69	138 25	458 84
Boonville	33 75	6 00	3 00	36 75
Total	\$2,386 15			
Total				\$2,386 15

Financial Statement.

Liabilities

Bonds outstanding\$20,000 00

Resources.

Delinquent Tax at County
Treasurer's office for col-
lection \$ 3,669 58
Cash on hand—Teachers
Salaries Fund\$12,501 81

Cash on hand—Contingent

Fund\$11,533 89

Cash on hand—Interest and

Sinking Fund\$ 1,780 09

\$29,485 37

Respectfully submitted,
T. H. GILLIS,

2.0114
69a
211/12

Annual Reports

OF THE

City of Traverse City
MICHIGAN



Fiscal Year Beginning May 1st, 1911, and
Ending April 30th. 1912.

100241
OF THE
UNIVERSITY OF MICHIGAN
1902-1912

ANNUAL REPORTS

of the

City of Traverse City

Michigan

Fiscal Year Beginning May 1st, 1911
to April 30th, 1912

ANNUAL REPORTS

of the

City of Traverse City

City Clerk

Traverse City, Mich., April 29, 1912.
To the Mayor and City Council, Traverse City, Mich.:

4971—Gentlemen: I present herewith my annual report as city clerk for the fiscal year beginning May 1, 1911, and ending April 30, 1912.

RECEIPTS.

Contingent.

Balance May 1, 1911.....	\$ 564.92
Interest on deposits	1,304.44
Recorder's court costs....	41.00
Refunds—Overpay, freight, \$1.07; discount on adding machine, \$12.25; fire team expense, \$675.00.....	688.32
Del. tax and tax sales, coun- ty treasurer	2,560.18
1911 summer tax fees.....	261.78
1911 penalty tax.....	235.85
General city, rejected tax reassessed	81.94
Rejected tax fees.....	7.79
Overrun, state, county and county road tax	28.64
Labor, polling lists	10.50
Licenses—Wholesale liquor, \$75.00; retail liquor, \$4,- 000.00; city's share coun- ty liquor license, \$5,- 279.18; dray, \$218.50; moving picture, \$75.00; auctioneer, \$20.00; pool and billiard, \$60.00; build- ing movers, \$8.00; hawk- ers and peddlers, \$102.00; lodging house, \$17.00; re- freshment stand, \$9.00; transient photographer, \$6.00; circus, \$192.00....	10,061.68
	\$ 15,847.04

DISBURSEMENTS.

Contingent.

Transfers, general street fund, tool house.....	\$ 2,000.00
Notes and interest	324.66
Express, freight and cart- age	31.92

Janitor	107.45
Postage	343.25
Printing and stationery....	63.45
Livery	13.00
General office supplies....	460.71
Telegrams	16.69
Telephone and toll	37.30
Laundry	6.29
Insurance	14.56
Rent of city offices.....	1,000.00
Rent of Fifth ward hall....	25.00
Supplies—Justice of peace, \$62.25; recorder's court, \$2.00; meat and milk in- spector, \$7.00; city engi- neer, \$1.25	66.20
Appropriations — St. light- ing, June 7, 8, 9, \$210.00; Decoration day, G. A. R., \$125.00; soldiers' and sail- ors' encampment, \$200.00.	535.00
Elections—Election, April 3, 1911, \$2.05; enrollment, Jan. 27, 1912, \$66.35; pri- mary election, March 6, 1912, \$225.95; registra- tions, March 12, 13 and 23, 1912, \$180.25; registra- \$58.25; special election, March 28, 1912, \$143.00; tion, March 20, 1912, charter election, April 1, 1912, \$248.03; general election supplies, \$31.56..	955.44
Health officer, supplies, \$168.52; disinfecting, \$411.00	579.52
Supervisors' services, board of health, \$100.00; quar- antine cases, \$35.50; mak- ing annual assessment rolls, \$960.00; board of re- view, \$8.00	1,103.50
Recording papers .....	.50
Ward buildings expense...	30.11
Auditing city books.....	546.00
Dock line expense.....	260.25
Extra labor	1,278.82
Legal advice, saloon li-	

ANNUAL REPORTS

censes, etc.	45.00	\$12.50	300.35
Ambulance expense.....	56.01		
Charter revision expense..	40.83		\$ 961.35

RECEIPTS.

Fire Department.

Court costs, Hansen case..	40.86	Labor, extra fire team....\$	34.50
Court fees	1.00	Fertilizer sold	10.00
Typewriting for city attorney	24.10	Material sold street department	50.04
Fees, city attorney	65.20	Refund, overpay	30.65
Subscriptions to magazines.\$	6.00	Refund, firemen's convention appropriation	20.00
Care of deer	15.00	Greilickville fire	34.00
Rebates, So. Union St. Ex. Imp.	5.90	Transfer, 1911 general tax.	8,500.80
Binding council proceedings	48.25		
Repairs to adding machine	7.15		\$ 8,679.99
Rejected tax paid.....	25.74		
Erroneous assessments	261.17		

DISBURSEMENTS.

Fire Department.

City's taxes, dump ground, etc.	9.75	Overdrawn balance, May 1, 1911	\$ 192.18
Miscellaneous taxes paid..	62.52	Regular firemen	5,623.00
Labor on Delinquent tax..	6.00	Truck Co. No. 1.....	464.50
Expense, paving inspection trip	62.65	Hose Co. No. 3.....	146.00
Lighting plant expense....	76.94	Hose Co. No. 4.....	197.00
Fire team and expense of purchase	800.00	Hose Co. No. 5.....	35.00
Office furniture	311.28	Special firemen	95.20
Dog tags and license plates	18.50	Hook and Ladder Co.....	47.30
	\$ 11,797.72	Light	28.50
		Telephone	17.10
		Freight and cartage	14.94
		New equipment	677.99
		Repairs equipment	77.89
		Horseshoeing	71.29
		Hay, oats, feed, etc.....	563.26
		Department expense.....	184.63
		Veterinary and medicine...	52.65
		Laundry	28.00
		Chemicals and battery supplies	65.57
		Coal and wood	178.76
		Repairs to building.....	17.16
		Expense state convention..	125.00
		Repairing automobile ...	36.40
		Expense Hose Co.'s buildings	20.97
		Wildfang claim	16.00
			\$ 8,976.20

RECEIPTS.

Printing.

Balance May 1, 1911.....\$	602.50
Transfer, 1911 general tax	967.91
	\$ 1,570.41

DISBURSEMENTS.

Printing.

Council proceedings.....\$	410.30
Board of education proceedings	108.75
Annual reports, etc.....	139.20
Bids, custody of city money, \$1.25; hose, \$1.50.....	2.75
Notices—Wellington St. Improvement, \$1.00; water, \$4.25; board of review and equalization, \$13.50; E. Front St. sewer, \$4.50; sewer between Webster and Eighth streets, \$6.50; sewer Cass street and alleys, \$3.50; general tax, \$74.25; ordinances, \$26.75; police, \$3.50; sewer, lateral 4, district 8, \$11.25; election notices, \$26.00; registration, \$27.75; bond, \$53.50; miscellaneous notices, \$21.60; paving tax,	

RECEIPTS.

Salaries.

Balance May 1, 1911.....\$	1,546.62
Transfer, 1911 general tax..	6,564.97
	\$ 8,111.59

DISBURSEMENTS.

Salaries.

T. H. Gillis, city clerk\$	1,800.00
I. M. Winnie, city treasurer	1,300.00
F. Holdsworth, health officer	300.00
C. D. Alway, city attorney	200.00

Wm. H. Umlor, judge of recorder's court	400.00
L. Etta Bartlett, meat and milk inspector	75.00
Dr. Sara T. Chase, meat and milk inspector	225.00
E. Wilhelm, mayor	150.00
W. R. Caldwell, city engineer	1,200.00
O. C. Moffatt, alderman, \$100.00; G. B. Kilbourne, alderman, \$100.00; F. R. Goodrich, alderman, \$100.00; Thos. Fitch, alderman, \$100.00; Oscar Simpson, alderman, \$10.00; Levi Soule, alderman, \$100.00; M. A. Umlor, alderman, \$100.00; D. J. Dyer, alderman, \$100.00; G. F. Smith, alderman, \$100.00; B. C. Green, alderman, \$100.00.	1,000.00
E. C. Hogan, member board of public works, \$100.00; J. H. McGough, member board of public works, \$100.00; Thos. Shane, member board of public works, \$100.00	300.00
	\$ 6,950.00

RECEIPTS.**Interest and Sinking.**

Balance May 1, 1911	\$ 14,319.20
Del. tax, Co. Treas.	283.05
1911 summer tax	7,011.79
1911 summer tax reassessed ..	437.15
Rejected tax, reassessed ..	16.55
	\$ 22,067.74

Semi-annual interest, street intersection bonds	\$ 1,250.00
Interest, refunding bonds ..	1,040.00
Interest, bridge bonds	630.00
	\$ 2,920.00

RECEIPTS.**Police.**

Transfer, 1911 general tax ..	\$ 5,681.23
-------------------------------	-------------

DISBURSEMENTS.**Police.**

Overdrawn balance May 1, 1911	\$ 262.56
Regular policemen	4,279.49
Special policemen	194.80
Light	14.85
Telephone and toll	49.95
Livery	16.00
Lodging	1.50
Telegrams	4.63

Department expense	47.68
Rent of office	50.00
Equipment	36.35
Repairs to city jail	13.97
	\$ 4,971.78

RECEIPTS.**Library.**

Balance May 1, 1911	\$ 655.50
Court fines	615.61
Book fines	68.50
Refund, overpay	8.38
Reimbursement by European society	10.43
Transfer, 1911 general tax ..	2,819.57
	\$ 4,177.84

DISBURSEMENTS.**Library.**

Librarian	\$ 437.50
Assistant librarian	401.50
Librarian, Oak Park	290.00
Extra labor, etc.	20.70
Janitor	502.00
Janitor, Oak Park	28.00
Lights and lamps	125.70
Fuel	305.22
Books	909.42
Printing and stationery ..	30.50
Water	18.00
Telephone	6.00
Subscriptions to magazines ..	141.00
Supplies, etc., for janitor ..	.50
Grounds	8.70
Repairs to building	19.36
Supplies	71.60
Laundry	8.00
Insurance	14.50
Binding books and magazines	335.37
Repairs to plumbing	27.90
	\$ 3,701.47

RECEIPTS.**Light.**

Balance May 1, 1911	\$ 1,042.93
Lights out	35.12
Transfer, 1911 general tax ..	5,681.23
	\$ 6,759.28

DISBURSEMENTS.**Light.**

Streets	\$ 5,400.53
Alleys	72.20
City offices	46.14
3rd ward building	5.50
2nd ward building	5.50
Lamps, etc.	1.85
	\$ 5,531.72

Grading lots	500.92	barn	4.00
Extra labor on lots	96.90	Refund, overpay .....	.50
Lots Del. May 1, 1906....	1.00	Transfer, 1911 general tax	252.49
By transfer, 1911 general		Transfer, labor of city	
tax	462.92	horses	693.55
		Transfer, for city tool house	2,000.00
	<u>\$ 4,037.70</u>		

DISBURSEMENTS.

Cemetery.

Sexton	\$ 780.00
Horse hire	120.00
General labor	748.25
Tools, equipment and re-	
pairs	150.10
Care of lots	347.54
Water	9.00
Telephone	9.00
Soil	181.00
Sod	86.20
Insurance	3.25
Appropriation	50.00
Cutting grass	9.00
Repairs to sexton's house..	9.73
Seed	2.40
Labor on new addition....	7.00
Care of flower beds	18.00
Settees	127.20
Transfer, water for sprink-	
ling	15.00
	<u>\$ 2,807.67</u>

RECEIPTS.

Park.

Balance May 1, 1911.....	\$ 509.10
Sale of hose, etc.....	6.50
Transfer, 1911 general tax	715.42
	<u>\$ 1,231.02</u>

DISBURSEMENTS.

Park.

Hannah Park—Caretaker,	
\$294.86; expense of deer	
park, etc., \$162.97; re-	
pairs to tools, \$.70;	
plants, \$11.00; gravel and	
filling, \$17.30	\$ 486.63
Labor on West Side park.	5.25
Hose	26.00
Labor Bryant park.....	4.37
	<u>\$ 522.25</u>

RECEIPTS.

General Street.

Balance May 1, 1911	\$ 1,404.97
Market receipts	665.45
Dog license	293.00
St. cleanings sold.....	1.00
Repairs to walks.....	113.84
Brick sold	2.60
Rent of road roller.....	107.50
Fertilizer sold from city	

DISBURSEMENTS.

General Street.

St. Com. salary	\$ 1,249.00
Weighmaster	600.00
Draying, freight and cart-	
age	11.61
City market — Caretaker,	
\$398.22; light, \$5.50; fuel,	
\$17.00; telephone, \$15.00	435.72
Insurance	132.70
Supplies, weighmaster....	27.15
Killing and burying dogs..	229.00
Tools, equipment and re-	
pairs	995.01
Taking piling from river..	3.50
Expense city horses—Feed-	
ing and bedding, \$744.56;	
horseshoeing, \$39.85; med-	
icine, \$3.60; care of city	
horses, \$74.00; care of	
fire department horse,	
\$10.50; ambulance horse,	
\$3.25	875.76
Expense dump grounds—La-	
bor, \$180.87; supplies.	
\$42.64	223.51
Labor gravel pit.....	3.50
City tool house—Labor and	
material, \$2,447.45; light,	
\$1.84	2,449.29
Repairing walks	128.33
Barn rent	32.50
Feed, etc., city deer.....	39.49
Cleaning ice, skating rink..	39.12
Expense W. 7th St. and E.	
Front St. paving	1.40
	<u>\$ 7,476.59</u>

RECEIPTS.

Street District No. 1.

Balance May 1, 1911	\$ 840.62
Refund, overpay	24.00
Del. tax Co. Treas.....	53.78
1911 summer tax.....	3,414.98
1911 summer tax reassessed	103.19
Rejected tax, St. district..	5.67
	<u>\$ 4,442.24</u>

DISBURSEMENTS.

\$1,481.98; labor cleaning

Street District No. 1.

Labor, cleaning pavement,	
pavement, by transfer,	

\$14.00	\$ 1,495.98	pavement, by transfer,	
Hauling dirt from pave-		\$1.50	145.60
ment, \$159.96; hauling		Hauling dirt from pave-	
dirt from pavement, by		ment, \$20.29; hauling dirt	
transfer, \$81.36	241.32	from pavement, by trans-	
Labor, sprinkling, \$494.15;		fer, \$15.38	35.00
labor, sprinkling, by		Labor, sprinkling, \$522.30;	
transfer, \$172.00; water,		water, sprinkling, by	
sprinkling, by transfer,		transfer, \$84.00	606.30
\$119.00	785.15	Cleaning cross walks.....	18.55
General repair, \$418.75; gen-		Picking up stone	30.59
eral repair, by transfer,		Repairing walks	7.12
\$98.00	516.15	Cutting weeds	60.30
Cleaning cross walks.....	1.75	Labor, road grader	4.00
Picking up stone	13.37	Cleaning catch basins	9.75
Repairing walks	6.30	General repair, \$425.42;	
Cutting weds	16.62	general repair, by trans-	
Labor, road grader.....	4.00	fer, \$2.00	427.42
Cleaning catch basins	38.22	Repairing P. M. crossing...	5.75
Building catch basins	35.88	Repairs to pavement.....	9.80
Grubbing trees	3.50	Cleaning creek	22.74
Gravel	16.00	Temporary notes and inter-	
Cement sidewalks—Labor,		est	671.25
\$12.31; hauling gravel,		Cement sidewalk—Filling	
\$8.00	20.31	for walks, \$193.37; labor,	
Snow plowing, \$28.42; snow		\$271.58; cement, \$140.62;	
plowing, by transfer,		hauling gravel, \$32.62;	
\$9.70	38.12	gravel, \$71.97	710.16
Gutter plow, \$13.20; gutter		Snow plowing	107.42
plow, by transfer, \$6.00..	19.20	Shoveling snow	149.29
Shoveling snow	254.14	Hauling snow, \$1.00; haul-	
Hauling snow, by transfer,		ing snow, by transfer,	
\$49.00; hauling snow,		\$1.00	2.00
\$135.94	189.94	Sanding walks .....	.87
Thawing out catch basins..	17.62	Repairing washout.....	6.00
	\$ 3,709.17		\$ 3,128.75

RECEIPTS.

Street District No. 2.

Del. Tax Co. Treas.—St.	
district, \$68.62; cement	
walk, \$51.69	120.31
1911 summer tax.....	2,963.98
1911 cement sidewalk.....	271.71
1911 summer tax, reassessed	165.91
1911 cement walk, re-	
assessed	76.10
1911 cement walk fees....	1.60
Transfer, 1911 tax.....	1.73
Rejected tax—St. district,	
\$2.26; cement walk,	
\$25.20; cement walk fees,	
\$2.25	27.71
	\$ 3,629.05

DISBURSEMENTS.

Street District No. 2.

Overdrawn balance May 1,	
1911	98.11
Labor, cleaning pavement,	
\$144.10; labor cleaning	

RECEIPTS.

Street District No. 3.

Balance May 1, 1911.....	\$ 543.40
Del. Tax Co. Treas—Gener-	
al tax, \$111.09; cement	
walk, \$194.63	305.72
1911 tax, reassessed.....	189.56
1911 summer tax.....	2,035.10
1911 cement sidewalk	403.20
Repairing walks	22.25
1911 cement sidewalk, reas-	
sessed	191.10
1911 cement sidewalk fees.	3.21
Rejected tax, general tax..	12.08
By transfer, 1911 general	
tax	1.40

DISBURSEMENTS.

Street District No. 3.

Labor, cleaning pavement..	\$ 519.06
Hauling dirt from pave-	
ment, \$110.30; hauling	
dirt from pavement, by	

transfer, \$52.58	162.88	Cutting weeds	33.25
Labor, sprinkling, \$258.20; water, sprinkling, by transfer, \$49.00	307.20	Cleaning catch basins.....	10.89
General repair, \$306.50; general repair, by trans- fer, \$36.00	342.50	Cement sidewalks—Cement, \$160.93; tearing up and filling, \$45.18; hauling gravel, \$30.00; labor, \$156.10; gravel, \$47.75..	439.96
Cleaning cross walks	13.29	Snow plowing, \$39.92; snow plowing, by transfer, \$18.15	58.04
Picking up stone	28.84	Gutter plowing, \$4.00; gut- ter plowing, by transfer, \$5.80	9.80
Repairing walks .....	.87	Shoveling snow	62.75
Cutting weeds	37.97	Hauling snow, \$21.60; hauling snow, by transfer, \$12.00	33.60
Labor, road grader	5.00	Thawing out catch basins	17.23
Cleaning catch basins	40.88	Transfer, 1911 tax	9.80
Cement sidewalks—Labor, \$462.59; hauling gravel, \$125.72; cement, \$464.43; filling, \$90.50; gravel, \$86.24	1,220.00		
Snow plowing, \$52.34; snow plowing, by transfer, \$16.60	68.94		
Gutter plow, \$5.27; gutter plow, by transfer, \$4.00..	9.27		
Leveling snow	1.20		
Shoveling snow	49.64		
Hauling snow, \$14.40; haul- ing snow, by transfer, \$11.00	25.40		
Transfer, 1911 tax.....	1.73		
	\$ 2,844.15		

RECEIPTS.

Street District No. 4.

Balance May 1, 1911.....\$	1,530.46		
Del. Tax Co. Treas.—Gener- al tax, \$103.17; cement walk, \$27.45	130.62		
1911 summer tax	1,551.81		
1911 summer tax, reassessed	155.99		
1911 cement sidewalk.....	217.25		
1911 cement sidewalk, re- assessed	45.00		
1911 cement sidewalk fees.	1.35		
	\$ 3,632.48		

DISBURSEMENTS.

Street District No. 4.

Labor, cleaning pavement.\$	353.14		
Hauling dirt from pave- ment, \$52.64; hauling dirt from pavement, by trans- fer, \$24.68	77.32		
Labor—Sprinkling, \$258.00; water, sprinkling, by transfer, \$45.50	303.50		
General repairing, \$283.09; general repairing, by transfer, \$33.00	316.09		
Cleaning cross walks.....	1.57		
Picking up stone	15.49		
Repairing walks .....	.87		

RECEIPTS.

Street District No. 5.

Balance May 1, 1911.....\$	281.32		
Del. Tax Co. Treas.—Gener- al tax, \$293.03; cement walk, \$214.60	507.63		
1911 summer tax	1,926.48		
1911 summer tax, reassessed	275.69		
1911 cement sidewalk.....	211.65		
1911 cement sidewalk, reas- sessed	176.76		
1911 cement sidewalk fees	2.91		
Transfer, 1911 tax.....	8.40		
Transfer, rejected tax.....	4.25		
	\$ 3,395.09		

DISBURSEMENTS.

Street District No. 5.

Labor, cleaning pavement..\$	79.07		
Hauling dirt from pave- ment, \$14.74; hauling dirt from pavement, by trans- fer, \$9.80	24.54		
Labor, sprinkling, \$286.40; water, sprinkling, by transfer, \$52.50	338.90		
General repairing, \$456.71; general repairing, by transfer, \$6.00	462.71		
Cleaning cross walks.....	18.81		
Picking up stone	15.68		
Repairing walks	22.99		
Cutting weeds	40.24		
Labor, road grader	12.00		
Cleaning catch basins	3.87		
Grading Front street.....	26.12		
Grubbing stumps	4.76		
Graveling Bates St.	77.90		
Opening and grading Brush street	88.39		

Cement sidewalk — Labor, \$298.27; tearing up and filling, \$90.69; hauling gravel, \$88.44; cement, \$302.69; gravel, \$44.25..	824.34
Snow plowing, \$115.31; snow plowing, by trans- fer, \$2.00	117.31
Shoveling snow	194.29
Gravel	53.70
Hauling snow	1.60
	<hr/>
	\$ 2,407.22

RECEIPTS.

Eighth St. Imp. No. 1.	
Balance May 1, 1911	\$ 319.63
Del. Tax Co. Treas.	182.64
Fifth installment—Princi- pal, \$2,246.29; interest, \$123.47	2,369.76
Fifth installment — Reas- sessed	589.07
Rejected tax, reassessed...	51.57
Note renewal	3,010.72
	<hr/>
	\$ 6,523.39

DISBURSEMENTS.

Eighth St. Imp. No. 1.	
Note and interest	\$ 5,078.21

RECEIPTS.

Eighth St. Imp. No. 2.	
Balance May 1, 1911	\$ 651.37
Del. Tax Co. Treas.	298.80
Third installment—Princi- pal, \$961.19; interest, \$116.52	1,077.71
Fourth installment—Princi- pal, \$56.68; interest, \$1.00	57.68
Fifth installment—Princi- pal, \$56.71; interest, \$.71	57.42
Third installment, reassess- ed	276.25
Note renewal	253.34
	<hr/>
	\$ 2,672.57

DISBURSEMENTS.

Eighth St. Imp. No. 2.	
Rebates	\$ 308.90
Notes	1,561.32
Interest	234.21
	<hr/>
	\$ 2,104.43

RECEIPTS.

Washington St. Imp. No. 1.	
Fifth installment—Princi- pal, \$2,278.04; interest, \$117.07	2,395.11
Fifth installment — Reas- sessed	238.12
Note renewal	2,542.57

Del. Tax Co. Treas.	219.96
	<hr/>
	\$ 5,395.76

DISBURSEMENTS.

Washington St. Imp. No. 1.	
Overdrawn balance May 1, 1911	\$ 959.25
Notes and interest	3,870.34
Del. Tax—Inst. No. 1, re- mitted twice by Co. treas- urer	93.60
	<hr/>
	\$ 4,923.19

RECEIPTS.

Washington St. Imp. No. 2.	
Fourth installment—Princi- pal, \$805.24; interest, \$71.94	\$ 888.18
Fourth installment—Reas- sessed	88.25
Del. Tax Co. Treas.	53.51
Refund, overpay rebate....	4.62

DISBURSEMENTS.

Washington St. Imp. No. 2.	
Overdrawn balance May 1, 1912	\$ 176.36
Rebates	102.79
Notes	1,065.95
Interest	107.1
	<hr/>
	\$ 1,452.45

RECEIPTS.

Lateral Sewer No. 5, District No. 1.	
Balance May 1, 1911	\$ 69.35
Del. Tax Co. Treas.	49.17
Third installment—Princi- pal, \$152.53; interest, \$12.20	164.73
Third installment — Reas- sessed	61.43
Renewal of note	157.62
	<hr/>
	\$ 502.30

DISBURSEMENTS.

Lateral Sewer No. 5, District No. 1.	
Rebates	\$ 123.67
Notes	276.07
Interest	41.43
	<hr/>
	\$ 441.17

RECEIPTS.

Lateral Sewer No. 6, Dist. No. 1.	
Balance May 1, 1911	\$ 393.26
Third installment—Princi- pal, \$65.03; interest, \$8.02	73.05
Fourth installment—Princi- pal	4.48
Fifth installment — Princi- pal	4.47
Third installment — Reas- sessed	26.58

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Rejected tax, reassessed...	2.64	\$148.71	1,020.71
	<hr/>		
	\$ 504.48	Third installment—Prin-	132.13
DISBURSEMENTS.		pal, \$129.73; interest, \$2.40	
Lateral Sewer No. 6, Dist. No. 1.		Fourth installment—Prin-	92.80
Rebates	\$ 20.22	pal, \$91.70; interest, \$1.16	
Notes	116.88	Fifth installment — Prin-	92.91
Interest	17.55	pal, \$91.73; interest, \$1.18.	
	<hr/>	Second installment, reas-	172.69
	\$ 154.65	sessed	<hr/>
			\$ 3,586.49
RECEIPTS.		DISBURSEMENTS.	
Fifth St. Imp.		Webster St. Imp.	
Balance May 1, 1911.....	\$ 512.80	Rebates	\$ 221.27
Del. Tax Co. Treas.....	97.72	Notes	2,230.39
Third installment—Prin-		Interest	278.86
pal, \$556.98; interest,			<hr/>
\$76.51	633.49		\$ 2,730.52
Fourth installment—Prin-		RECEIPTS.	
pal, \$66.15; interest, \$3.42	69.47	Wharf.	
Fifth installment — Prin-		Balance May 1, 1911.....	\$ 68.00
pal, \$37.80; interest, \$62.	38.42	RECEIPTS.	
Third installment — Reas-		Street Intersections.	
sessed	146.46	Balance May 1, 1911.....	\$ 1,842.96
Renewal of note	46.82	RECEIPTS.	
Refund, overpay of rebate..	1.70	E. Ninth St. Imp.	
	<hr/>	Balance May 1, 1911.....	\$ 2,201.91
	\$ 1,546.98	Del. Tax Co. Treas.....	39.94
DISBURSEMENTS.		Second installment—Prin-	
Fifth St. Imp.		pal, \$603.65; interest,	
Rebates	\$ 87.75	\$101.12	704.77
Notes	1,065.33	Third installment — Prin-	
Interest	159.81	pal	91.80
	<hr/>	Fourth Installment—Prin-	
	\$ 1,312.89	pal	91.80
RECEIPTS.		Fifth installment — Prin-	
Wadsworth St. Imp.		pal	91.80
Balance May 1, 1911.....	\$ 429.92	Second installment, reas-	
Third installment—Prin-		sessed	109.84
pal, \$174.27; interest,			<hr/>
\$23.85	198.12		\$ 3,331.86
Fourth installment—Prin-		DISBURSEMENTS.	
pal, \$58.09; interest, \$1.53	59.02	East Ninth St. Imp.	
Fifth installment — Prin-		Rebates	\$ 174.01
pal, \$58.11; interest, \$1.54	59.65	Notes	2,045.94
Third installment, reas-		Interest	255.75
sessed	16.27		<hr/>
	<hr/>		\$ 2,475.70
	\$ 1,035.59	RECEIPTS.	
DISBURSEMENTS.		State and Cass.	
Wadsworth St. Imp.		Balance May 1, 1911.....	\$ 53.86
Rebates	\$ 16.94	RECEIPTS.	
Notes	479.56	Wellington St. Imp. No. 1.	
Interest	70.44	Notes sold	\$ 1,056.00
	<hr/>	First installment — Prin-	
	\$ 566.94	pal, \$174.40; interest, \$.46	174.86
RECEIPTS.		Second installment—Prin-	
Webster St. Imp.		pal, \$41.60; interest, \$1.40	43.00
Balance May 1, 1911.....	\$ 2,003.96	First installment, reas-	
Del. Tax Co. Treas.....	71.23	sessed	37.65
Second installment—Prin-			<hr/>
pal, \$872.00; interest,			\$ 1,311.51

DISBURSEMENTS.

Wellington St. Imp. No. 1.

Overdrawn balance May 1, 1911	\$ 38.00
Labor	535.02
Draying	3.25
Hauling gravel	40.37
Grading	32.50
Cement	74.52
Oil	1.77
Stakes	1.80
Stone	183.94
Freight on stone	224.50
Tarvia	47.25
Freight on tarvia	14.19
Wood and coal	16.21
Sand	1.60
Lumber	1.25

\$ 1,216.17

RECEIPTS.

E. State St. Imp.

Balance May 1, 1911.....	\$ 1,194.20
Del. Tax Co. Treas.....	76.90

\$ 1,271.10

RECEIPTS.

Front and Union.

Balance May 1, 1911.....	\$ 59.44
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RECEIPTS.

Cass St. Ex. Imp.

Del. Tax Co. Treas.....	\$ 49.87
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DISBURSEMENTS.

Cass Street Ex. Imp.

Overdrawn balance May 1, 1911	\$ 21.34
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RECEIPTS.

So. Union St. Ex. Imp.

Del. Tax Co. Treas.....	\$ 213.62
Renewal of note.....	613.96

\$ 827.58

DISBURSEMENTS.

So. Union St. Ex. Imp.

Overdrawn balance, May 1, 1911	\$ 707.64
Rebates	19.57

\$ 727.21

RECEIPTS.

Lateral Sewer J, District No. 4.

First installment — Principal	\$ 215.23
First installment — Reassessed	153.18

\$ 368.41

DISBURSEMENTS.

Lateral Sewer "J," Dist. No. 4.

Making special assessment roll	\$ 27.00
--------------------------------------	----------

Labor	165.24
Sewer pipe	98.32
Draying	12.95
Manhole covers	4.50
Rebates	103.80

\$ 411.81

RECEIPTS.

Lateral Sewer 5, District 8.

Notes sold	\$ 1,360.35
First installment	214.26
First installment — Reassessed	179.18
Second installment	11.50
Third installment	11.52

\$ 1,776.81

DISBURSEMENTS.

Lateral Sewer No. 5, Dist. No. 8.

Making special assessment roll, etc.	\$ 29.00
Labor	653.29
Sewer pipe	415.22
Draying	60.80
Cement	22.03
Manhole rings and covers	52.48
Brick	21.55
Oil	1.34
Pipe	7.61
Tools, etc.	11.49
Rebates	88.67

\$ 1,363.48

RECEIPTS.

Park St. Imp.

Renewal of note	\$ 346.28
Fourth installment — Reassessed	139.00

\$ 485.28

DISBURSEMENTS.

Park St. Imp.

Overdrawn balance, May 1, 1911	\$ 346.28
Notes	534.00
Interest	53.86
Rebates	11.88

\$ 946.62

RECEIPTS.

Lateral Sewer No. 4, Dist. No. 8.

Installment No. 1.....	\$ 232.45
Installment No. 2.....	4.66
Installment No. 3.....	4.67

\$ 241.78

DISBURSEMENTS.

Lateral Sewer No. 4, Dist. No. 8.

Making special assessment roll	\$ 15.00
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DISBURSEMENTS.

E. Front St. Imp.	
Overdrawn balance May 1,	
1911	\$ 238.00

DISBURSEMENTS.

W. Front St. Imp.	
Overdrawn balance May 1,	
1911	\$ 526.27

RECEIPTS.

General City Tax.	
1911 summer tax	\$ 39,615.55
1911 summer tax, reassessed	2,467.61

\$ 42,083.16**DISBURSEMENTS.**

Park	\$ 715.42
Printing	967.51
Cemetery	462.92
Light	5,681.23
General street	252.40
Library	2,819.57
Salaries	6,564.97
Fire	8,500.80
Water	6,985.80
Police	5,681.23

General sewer	1,094.17
Bridge	2,356.65

\$ 42,083.16**RECEIPTS.**

State, County and County Road.	
State	\$ 16,459.20
County	18,232.13
County road	9,294.26
Rejected tax, reassessed—	
State, \$44.91; county,	
\$62.37; county road,	
\$26.53	133.81

\$ 44,119.40**DISBURSEMENTS.**

State, County and County Road.	
State	\$ 16,490.05
County	18,275.00
County road	9,303.27
Rejected tax, reassessed—	
State	14.06
County	19.50
County road	17.52

\$ 44,119.40

TABLE NO. ONE.

Assessed valuation of the city for the years:—

	1907.	Real	Personal.	Total
First ward	\$1,463,930.00	\$ 748,305.00	\$2,212,235.00	
Second ward	522,850.00	155,145.75	677,995.75	
Third ward	719,105.00	117,809.00	836,914.00	
Fourth ward	381,130.00	121,846.34	502,976.34	
Fifth ward	382,435.00	10,235.00	392,670.00	
	\$3,469,450.00	\$1,152,341.09	\$4,622,791.09	
	1908.			
First ward	\$1,462,190.00	\$ 739,912.00	\$2,202,102.00	
Second ward	531,440.00	165,360.00	696,800.00	
Third ward	722,010.00	147,706.00	869,716.00	
Fourth ward	392,650.00	121,075.00	513,725.00	
Fifth ward	384,550.00	11,522.00	396,072.00	
	\$3,492,840.00	\$1,185,575.00	\$4,678,415.00	
	1909.			
First ward	\$1,490,505.00	\$ 739,783.00	\$2,230,288.00	
Second ward	569,630.00	114,395.00	684,025.00	
Third ward	733,085.00	149,037.00	882,122.00	
Fourth ward	399,255.00	115,963.00	511,218.00	
Fifth ward	390,985.00	11,401.00	402,386.00	
	\$3,583,460.00	\$1,130,579.00	\$4,710,039.00	
	1910.			
(As determined by Board of State Tax Commissioners.)				
First ward	\$2,423,700.00	\$1,116,303.20	\$3,540,003.20	
Second ward	941,595.00	204,176.00	1,145,771.00	
Third ward	1,240,490.00	157,823.00	1,398,313.00	
Fourth ward	686,330.00	198,993.00	885,323.00	
Fifth ward	801,250.00	21,898.00	823,148.00	
	\$6,093,365.00	\$1,699,193.20	\$7,792,558.20	
	1911.			
First ward	\$2,498,480.00	\$1,110,611.00	\$3,609,091.00	
Second ward	940,690.00	183,920.00	1,124,610.00	
Third ward	1,245,220.00	164,219.00	1,409,439.00	
Fourth ward	684,310.00	200,610.00	884,920.00	
Fifth ward	813,490.00	28,751.00	842,241.00	
	\$6,182,190.00	\$1,688,111.00	\$7,870,301.00	

TABLE NO. 3.

The following table shows amount of tax assessed for use in the various departments for the years 1907, 1908, 1909, 1910 and 1911:

CITY TAX ASSESSED.	1907.	1908.	1909.	1910.	1911.
School	\$ 33,626.01	\$ 38,225.53	\$ 40,714.04	\$ 37,800.45	\$ 37,873.86
Printing	900.00	945.00	1,500.00	1,000.00	1,000.00
Fire	6,800.00	5,119.00	16,663.00	15,363.00	9,000.00
Salaries	8,960.00	5,868.00	8,960.00	5,650.00	6,950.00
Interest and sinking	4,626.14	4,681.19	9,424.21	7,798.31	7,873.47
Police	4,500.00	4,913.00	4,900.00	4,752.00	6,000.00
Library	2,500.00	2,933.00	4,000.00	3,000.00	3,000.00
Light	5,800.00	6,825.00	6,300.00	6,800.00	6,000.00
Water	5,200.00	4,200.00			7,380.00
Bridge	1,500.00	1,050.00		1,432.00	2,500.00
Cemetery	500.00	525.00	500.00	500.00	500.00
Park	1,000.00	3,150.00	1,000.00	750.00	750.00
General sewer					1,150.00
General street	8,000.00	5,400.00	2,800.00,	2,700.00	253.00
Street district No. 1	2,212.71	4,404.25	4,460.66	2,656.81	3,608.82
Street district No. 2	2,034.89	2,091.30	2,744.10	2,291.57	3,375.01
Street district No. 3	1,673.93	1,739.59	2,646.61	2,099.58	2,468.22
Street district No. 4	1,006.00	1,027.45	2,044.88	2,656.59	1,769.84
Street district No. 5	1,179.18	1,584.29	2,013.21	3,292.60	2,528.09
Total	\$ 92,018.86	\$ 94,681.60	\$ 110,670.71	\$ 99,752.91	\$ 103,980.31

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RESOURCES.

Inventory.

City council	\$ 32,901.80
Water department	202,391.50
Board of public works.....	50,554.07
Board of education	255,388.31
Board of library trustees...	41,000.00
	<hr/>
	\$582,235.68

**Taxes, Assessments and Items for Col-
lection in the Various
Departments.**

Improvements	\$ 14,991.62
Delinquent tax at the coun- ty treasurer's office for collection (exclusive of the delinquent school tax)	13,611.29
Water schedule	24.00
Water meter	53.82
Cemetery lots	78.50
Eighth street private sew- er connections	44.20
	<hr/>
	\$ 28,803.43

LIABILITIES.

Bonds.

Refunding	\$ 28,000.00
Water	121,667.00
School	20,000.00
Bridge	15,000.00
Street intersections.....	26,000.00
	<hr/>
	\$210,667.00

Permanent Improvement Notes.

Webster St. improvement..	\$ 3,346.69
Wellington St. Imp. No. 2..	1,065.97
Park St. Imp.....	534.60
Fifth St. Imp.....	2,130.76
Wadsworth St. Imp.....	959.21
Eighth St. Imp. No. 2.....	3,122.92
East Ninth St. Imp.....	3,068.94
Wellington St. Imp.....	1,056.00
Lateral sewer No. 5, Dist. No. 1	552.49
Lateral sewer No. 6, Dist. No. 1	233.78
Lateral sewer No. 5, Dist. No. 8	1,360.35
	<hr/>
	\$ 17,431.71

Temporary Notes.

Abbott voting machine....	\$ 250.00
Eighth St. Imp. No. 1.....	3,010.72
Washington St. Imp. No. 1.	2,542.57
So. Union St. Ex. Imp.....	613.96
Lateral sewer No. 5, Dist. No. 1	157.62
Park St. Imp.	346.28
Eighth St. Imp. No. 2.....	253.34

Fifth St. Imp.....	46.82
	<hr/>
	\$ 7,221.31

**Balances at Close of Fiscal Year,
April 22, 1912.**

Contingent	\$ 4,049.32
Printing	609.06
Salaries	1,161.59
Interest and sinking	19,147.74
Police	709.45
Library	476.37
Light	1,227.56
Water	14,652.40
Wharf	68.00
Street intersections	1,842.96
General sewer	1,139.28
Street district No. 1.....	733.07
Street district No. 2.....	500.30
Street district No. 3.....	912.87
Street district No. 4.....	1,889.15
Street district No. 5.....	987.87
Bridge	861.16
Cemetery	1,230.03
Park	708.57
Cass St. Ex. Imp.....	28.53
Front and Union Sts.....	59.44
Cass and State Sts.....	53.86
E. State St.....	1,271.10
So. Union St. Ex. Imp.....	100.37
Washington St. Imp. No. 1	472.57
Eighth St. Imp. No. 1.....	1,445.18
Eighth St. Imp. No. 2.....	568.14
Lateral sewer No. 4, Dist. No. 8	226.78
Lateral sewer No. 5, Dist. No. 1	61.13
Lateral sewer No. 5, Dist. No. 8	413.33
Lateral sewer No. 6, Dist. No. 1	349.83
Fifth St. Imp.....	234.09
Wadsworth St. Imp.....	196.65
Webster St. Imp.....	855.97
East Ninth St. Imp.....	856.16
Wellington St. Imp.....	95.34
	<hr/>
	\$ 60,195.22

Overdrawn Funds.

Fire	\$ 296.21
General street	1,937.69
E. Front St. Imp.....	238.00
W. Front St. Imp.....	526.27
Lateral sewer J, Dist. No. 4	43.40
Washington St. Imp. No. 2	428.89
Park St. Imp.....	461.34
	<hr/>
	\$ 3,931.80

Cash Statement.

City depository	\$ 55,594.16
Cash on hand, city treas-	

urer	669.26
	<u> </u>
	\$ 56,263.42
The following organized bodies of the city have held meetings this year as follows:	
Council	45
Board of Education	29
Board of Public Works	28
Board of Health	14
Special Assessors	5

Board of Review and Equalization..16

We have, in this office during this fiscal year, recorded 279 death certificates and 178 birth certificates, complete records of which have been forwarded to the county clerk of this county and to the department of state.

During the same period of time we have recorded 37 cemetery deeds and issued 147 burial permits for burials in the city cemetery.

T. H. GILLIS, City Clerk.

City Treasurer

To the Honorable Mayor and City Council of the City of Traverse City, Mich.:

4965—Gentlemen: The balances as shown by the books of city treasurer at the close of business April 22, 1912, are as follows:

	Cr.
Contingent	\$ 4,049.82
Printing	609.06
Light	1,227.56
General sewer	1,139.28
Park	708.57
Cass Street Imp.....	28.53
East State St. Imp.....	1,271.10
South Union St. Imp.....	100.37
Wadsworth St. Imp.....	196.65
State and Cass Street Imp..	53.86
Street intersections	1,842.96
Front and Union St. Imp....	59.44
Wharf	68.00
Eighth St. No. 2 Imp.....	568.14
Lateral sewer 4, district 8..	226.78
Eighth St. No. 1 Imp.....	1,445.18
East Ninth St. Imp.....	856.16
Washington St. No. 1 Imp..	472.57
Fifth St. Imp.....	234.09
Lateral sewer 5, district 1..	61.13
Bridge	861.16
Lateral sewer 5, district 8..	413.33
Library	476.37

Wellington St. Imp.....	95.34
Street district No. 1.....	733.07
Street district No. 2.....	500.30
Street district No. 3.....	912.87
Street district No. 4.....	1,889.15
Street district No. 5.....	987.87
Lateral sewer 6, district 1..	349.83
Water	14,652.40
Salaries	1,161.59
Police	709.45
Cemetery	1,230.03
Webster St. Imp.....	855.97
Interest and sinking	19,147.74

\$60,195.72

Dr.

Fire	\$ 296.21
East Front St. Imp	238.00
West Front St. Imp.....	526.27
Park St. Imp.....	461.34
Wash. St. No. 2 Imp.....	428.89
Lateral sewer J, district 4..	43.90
General street	1,937.69
Cash	669.26
People's Savings Bank.....	55,594.16

\$60,195.72

Yours respectfully,

I. M. Winnie,
City Treasurer.

April 29, 1912.

Fire Department

Traverse City, Mich., April 27, 1912.
To the Honorable, the Mayor and City
Council of the City of Traverse City,
Michigan:

4969—Gentlemen: In accordance with the law and the usual custom, I have the honor to herewith submit to you the annual report of the Traverse City fire department for the year ending April 27, 1912.

This report, in which will be found a record of the operations of the department for the past year, is the sixteenth annual report of this department.

The alarms and losses by fire with the amount of insurance thereon, together with such general information relative to the department, as is of interest to your honorable body and the public.

Disbursements—Fire Department.

Overdrawn balance May 1, 1911	\$ 192.18
Regular firemen	5,623.00
Truck Co. No. 1.....	464.50
Hose Co. No. 3.....	146.00
Hose Co. No. 4.....	197.00
Hose Co. No. 5.....	35.00
Special firemen	95.20
Hook and Ladder Co.....	47.20
Light	28.50
Telephone	17.10
Freight and cartage.....	14.94
New equipment	677.99
Repairs equipment	77.89
Horse shoeing	71.20
Hay, oats, feed, etc.....	536.26
Department expense.....	184.63
Veterinary and medicine ...	52.65
Laundry	28.00
Chemical and battery supplies	65.57
Coal and wood	178.76
Repairs to building	17.16
Expense, state convention..	125.00
Repairing automobile.....	36.40
Expense, hose companies	
Wildfong claim	16.00
New team paid from contingent fund	725.00
	<hr/>
	\$9,701.20

Receipts.

Labor, extra fire team	\$ 34.50
Fertilizer sold	10.00
Material sold to street department	50.04

Refund, firemen's convention appropriation	20.00
Refund, overpay	30.65
Greilickville fire.....	34.00
Transfer, 1911, general tax..	8,500.80

\$ 8,679.99

Property on Hand May 1, 1911.

Cass street engine house and lot	\$ 7,450.00
Four horses	825.00
Beds, bed clothing, etc.....	118.00
Harness, blankets, etc.....	308.55
Two steam fire engines.....	8,000.00
Hose, wagons, sleighs, etc..	3,230.00
Fire alarm system	3,970.25
Four thousand eight hundred feet of hose	3,000.00
Nozzles, ladders, gongs, etc.	2,000.00

Total amount of property on hand May 1, 1911.....\$28,901.80

Property Added.

One new fire team	\$ 650.00
One new extension ladder...	34.00
500 feet fire hose	500.00

Total amount of property on hand May 1, 1912....\$30,085.80

During the year the department responded to 95 alarms, traveled 89 miles to and from fires, worked 168 hours at fires, and laid 49,000 feet of hose, at which the loss amounted to \$38,679.61, on which there was a total insurance of \$181,350.00. The insurance over the loss was \$142,670.39.

Causes of Fires.

Defective chimneys	10
Overheated stoves	8
Spontaneous combustion	1
Carelessness with matches.....	5
Sparks from chimneys	4
Carelessness with cigars and cigarettes	2
Gasoline explosion	2
Short circuit electric wires.....	3
Thawing frozen water pipes.....	4
Sparks from machinery	2
Carelessness with hot ashes	1
Defective furnace	2
Lamp explosion	1
Lightning	1
Burning rubbish	3
Chimney fires	38
Unknown	5
False alarms	3

During the year I have issued 78 permits for wiring buildings and have

inspected each building personally, finding them all up to the national code of wiring but two, which I condemned.

I wish to commend the firemen of both the regular and volunteer departments for their efficient work, which has been demonstrated by the men be-

ing ever ready to execute their respective duties and obey orders.

In conclusion I wish to tender my sincere thanks to the mayor and council for their support given this department the past year.

Very respectfully,

T. C. Murray,
Chief of Fire Department.

Superintendent of Water Works

To the Honorable Mayor and City Council, Traverse City, Mich.:

4970—Gentlemen: I submit herewith my report on the operation of the city water works for the year ending April 30, 1912. As a complete financial statement covering receipts and disbursements in detail is included in the report of the city clerk, I have not included those figures in this report.

The following is an inventory of the property of the Traverse City Water Works, the figures given for valuation being the cost of reproduction today.

Real estate	\$ 12,000.00
Intake	5,000.00
Pumps	38,000.00
Boilers	4,500.00
Auxiliary machinery	1,200.00
6800 ft. 16 in. main.....	13,600.00
8 16 in. valves.....	400.00
6100 ft. 12 in. main.....	8,235.00
18 12 in. valves.....	720.00
8500 10 in. main.....	8,925.00
7 10 in. valves	210.00
8700 ft. 8 in. main.....	6,960.00
14 8 in. valves	300.00
88,500 ft. 6 in. main.....	53,100.00
124 6 in. valves.....	1,860.00
11,600 ft. 4 in. iron main..	5,020.00
4,200 ft. 4 in. wood main..	1,600.00
24 4 in. valves	240.00
262 fire hydrants	9,170.00
2,020 services in use.....	17,170.00
1 6 in. meter.....	300.00
8 2 in. meters	360.00
6 1½ in. meters.....	180.00
4 1¼ in. meters	100.00
12 1 in. meters	240.00
600 ½ in. meters	6,000.00
10 meter boxes and covers	40.00
1800 12 in. main.....	1,900.00
Tools and equipment	1,500.00
Pipe and specials	650.00

Total	\$199,480.00
Total depreciation	33,230.00
	<hr/>
	\$166,250.00

In order to obtain a true valuation of the water works as it exists today a proper allowance for depreciation on all machinery, buildings, mains, valves, hydrants, meters and tools has been made, using the following percentages:

On pumps and machinery, annual

depreciation, 4 per cent.

On mains, valves and hydrants, annual depreciation, 1½ per cent.

On meters and services, annual depreciation, 6¼ per cent.

The total depreciation figured on this basis amounts to \$33,230.00.

During the year there was

laid 6500 ft. of mains at	
a cost of	\$ 2,994.72
7 valves	112.00
7 hydrants	280.00
107 services	824.50
112 meters	1,007.35

The following is the pumping statement for the year:

Total gallons pumped.....	832,452,000
Largest month (July)....	116,924,000
Smallest month (Nov.)....	47,840,000

The total operating and maintenance expense for the year amounts to:

Office expense	\$ 6,700.92
Pumping	5,347.60
Maintenance	1,172.96

Total	\$ 13,221.42
Depreciation	4,850.00
Taxes	1,500.00

Total	\$ 19,571.42
-------------	--------------

Income.

Hydrant rental	\$ 6,985.80
Sprinkling and fountains..	500.00
Water receipts	18,136.57
	<hr/>
	\$ 25,622.37

Gain by municipal operation

In Mr. Joynt's annual report one year ago he called your attention to the necessity for a new intake. I would urge upon you that an early investigation be made as at times the insufficient capacity of this intake imposes an unnecessary burden upon the pumps. Also at times sand and sawdust are pumped which causes great inconvenience to some water users and especially the laundries.

I believe at this time also the matter of rebuilding the boiler room and the construction of a new concrete stack, together with the necessary changes in boiler settings and steam piping, should be taken up and changes made that will assist in the safe and economical operation of the

water works. It is probable that the present stack will not last over a year and it will be better to make all these changes and improvements at one time. I would therefore recommend that the city council look into this matter and prepare to make these improvements as soon as possible.

Respectfully submitted,

W. R. Caldwell,
Supt. of Water Works.

Board of Public Works

Traverse City, Mich., April 26, 1912.		6 trestles for barricades ..	1.80
The Mayor and City Council, Traverse City, Mich.:		1 scraper	1.50
4966—Gentlemen: The following is the annual inventory of property in our charge:		1 scraper chain	4.50
Tool house and lot		2 sets block and tackle....	12.00
Gravel pit		1 block and loading chain..	6.00
Third ward building and lot		6 concrete tampers	6.00
Market site		1 vice	4.00
Hannah park		5 hand axes	3.00
West Bay Shore Park		3 neck yokes	2.25
East Front Street park....		1 pump and pipe	6.00
East Bay park		7 hoes	3.50
Original plat city cemetery		5 sledges	3.75
First addition to cemetery..		1 adze .....	.75
Second addition to cemetery		7 hydrant wrenches	1.75
Dumping grounds		4 hydrant reducers	2.00
Second ward building and lot		1 heavy wagon	50.00
Bryant park		1 20th Century road grader ..	125.00
178 cu. yds. crushed stone..		10 bbls. tarvia	15.00
1 steam power concrete mixer		2 levels	1.50
1 hand power concrete mixer		2 hand screens	3.00
7 sprinklers		8 pails	3.20
1 steam roller		2 set sidewalk finishing tools ..	2.00
1 horse roller		2 squares .....	.80
1 traction engine		2 mixing platforms	4.00
1 street sweeper		1 mixing box	1.00
1 street grader		1 100 ft. ¾ in. water pipe..	44.00
1 stone crusher		5 pipe wrenches	6.50
1 truck wagon		1 brick trowel .....	.60
1 dump wagon		1 hose repair outfit .....	.50
9 snow plows		1 tar kettle	8.00
1 trench pump and hose....		1 tar dipper .....	.50
60 trench jacks		3 tar pails	1.20
18 sidewalk frames		1 wheel scraper	12.00
Paving brick		2 tar funnels .....	.80
Sewer pipe		5 monkey wrenches	4.00
2 crow bars		1 leveling scraper	2.00
5 street cleaner carts.....		2 slush boxes	4.00
14 picks		200 ft. 1½ in water pipe....	20.00
12 lanterns		1 leveling block	1.00
15 hoes		1 heavy tamp	2.00
4 rakes		2 cant hooks	1.50
2 lawn mowers		1 set leveling pins	1.00
500 feet hose		1 hand level	1.00
9 pavement scrapers		3 pole axes	1.50
2 hand saws		6 stone chisels	1.50
1 pike pole		2 pairs brick tongs.....	2.50
2 snow scrapers		2 pinch bars	1.50
2 mattocks		1 tarpaulin	5.00
1 crosscut saw		5 slushing scrapers	2.50
4 hammers		3 1-gallon oil cans .....	.75
1 cart far repairing walks..		1 curb snow plow	10.00
1 sewer rod for open sewers ..		1 pair tongs for raising walks	5.00
4 trestles		1 farmers' handy wagon... ..	24.00
1 trestle		400 ft. garden hose.....	28.00
		5 doz. C. B. G. sprinklers...	8.75
		2 iron garden rakes.....	1.50
		1 pair grass shears .....	.60

3 sickles	1.05	1 expasioner	10.00
30 snow shovels	9.00	2 pair rubber boots	7.00
2 garden spades	1.70	New tool house	2,500.00
1 wrench	1.75		
2 old lawn mowers	9.00		\$50,542.37
3 large grave linings	4.50	Lateral sewer No. 5, district No. 8,	
buildings	20.97	was constructed in East Front street	
2 small grave linings.....	1.75	from Barlow street to Garfield avenue,	
2 sets curbs for large graves	65.52	2,610 feet of 9 and 10-inch sewer. Lat-	
3 set small curbing	9.00	eral sewer J, district No. 4, was also	
8 wheelbarrows	12.00	constructed on Cass street in the al-	
1 snow plow	5.25	ley between Ninth and Tenth streets	
10 lawn seats	7.50	south to the alley between Tenth and	
9 lawn seats broken	4.50	Eleventh streets, thence east in said	
2 tarvia kettles	250.00	alley from Cass street to Lake ave-	
6 tarvia cans	9.50	nue.	
1 brace and 3 bits	2.00	Wellington street was paved one	
1 pair sleighs	25.00	block of 1,090 square yards from Web-	
6 potato forks	9.50	ster street to Washington street.	
1,130 ft. 9 inch tile	155.94	Sidewalks were constructed as fol-	
124 ft. 12-inch tile.....	32.24	lows:	
36 ft. 15-inch tile	12.60	6,119 feet of 6-inch walk, 15 street	
16 ft. 24-inch tile.....	15.52	crossings and 5 alley crossings, all	
800 ft. 4-inch tile	48.00	equal to 7,719 feet of 6-inch walk.	
2 slush scrapers	6.00		
1 writing desk	15.00	Respectfully submitted,	
2 chairs	3.00	Board of Public Works.	

Chief of Police

Traverse City, Mich., April 24, 1912.
To the Honorable Mayor and Common Council of the City of Traverse City:

4964—I present herewith my report of the police department of the city of Traverse City, Michigan, for the ten months ending April 27, 1912. During the time there has been 225 arrests and other work done as follows:

Drunk and disorderly, 124.
Assault and battery, 6.
Defrauding hotels, 4.
Defrauding livery, 3.
Violation of city ordinance, 22.
Cruelty to animals, 8.
Vagrancy (including poor people given lodging), 36.
False pretenses, 2.
Improper behavior on streets, 3.
Keeping house of ill fame, 2.
Furnishing liquor to Indians, 3.
Lewd and licentious co-habitation, 2.
Burglaries reported and investigated, 8.
Complaints reported and investigated, 193.
Fires attended and service rendered, 19.
Bicycles reported stolen, 119.
Bicycles restored to owner, 103.
Bicycles on hand, 5.
Telephone calls, 1694.
Lost children taken to their parents, 14.
Doors of business places found open and was secured, 9.
Warrants served, 67.

Dead animals reported to city scavenger, 3.

Horses killed, 3.

Defective sidewalks reported, 2.

Looking up and having destroyed noxious weeds, 67 hours.

Made calls to inspect skating rink roof, 5.

Visiting and inspecting rooming houses, 17.

I wish to thank you gentlemen for the courtesy and valuable assistance accorded me in conducting the affairs committed to my charge. Officers and men of the department have been faithful and diligent in the discharge of duty.

Yours respectfully,

Chas. S. Johnson,
Chief of Police.

Receipts—Police.

Transfer, 1911 General tax..	\$5,681.23
Police.	
Overdrawn balance May 1,	
1911	\$ 262.56
Regular policemen	4,279.49
Special policemen	194.80
Light	14.85
Telephone and toll	49.95
Livery	16.00
Lodging	1.50
Telegrams	4.63
Department expense	47.68
Rent of office	50.00
Equipment	36.35
Repairs to city jail	13.97
	<hr/>
	\$4,971.78

Librarian

Traverse City, Mich., 1912.

To the Board of Library Trustees:
4962—I have the pleasure of presenting to you the eighth annual report of the Traverse City Public Library for the year ending April 30, 1912.

Circulation—The circulation for this year was 30,291, showing an increase of 2,192 over last year, the month of March being the busiest month, when 3,318 books were issued.

A new register of borrower's names was started last October, so the total number of patrons using the library cannot be given. But the number of new patrons, who have never drawn books before, is 540, an increase of 43 over last year.

Books—719 books were added this year against 827 of last year. But more expensive sets of standard works were added this year, good editions of the works of Ainsworth, Barrie, Cooper, Hugo, Turgeneff and Warner; The World's Best Music, Wiley's History of the United States, twelve volumes on the History of Egypt, and twelve volumes on the Oriental Countries.

Rental Collection—There were twenty-six books in the rental collection May 1, 1911. Since then 63 books have been purchased by the money collected from the rent of these books. 46 books have paid for themselves and have been taken out of this collection and placed with the general collection of fiction. 1 book was discarded. 42 books remain in the collection.

Stereoscopic Travels—Last July two of the Stereoscopic Travels were purchased as an experiment. But these have proved so popular with the people that since then three more travels have been added, and we hope to keep adding to this collection from time to time.

Reference Work—Every year the demand for reference material increases. This year 13 volumes have been added to help in this department of the library. 10,288 people have visited the reading rooms, being 1,677 more than last year.

Our magazine list numbers 55 and in addition to this three magazines are donated. With the help of an index to our magazines we depend on

them for much of our reference material.

We also have three newspapers for the benefit of our readers.

Work with the Children—This year 11,443 juvenile books were issued against 10,734 last year, showing that the work with the children is an important part of the library. This winter a table for the little children was placed in the stack room. Some good picture books were purchased and placed on this table for their amusement. But the older children have enjoyed the use of this table as well as the little folks.

The "Book of Knowledge," consisting of twenty-four volumes, was purchased this year to help the children with their reference work.

The unused room in the basement would make an ideal children's room.

Story Hour—Thirty-one story hours have been held for the children this winter, Tuesday afternoon at 4 o'clock at the City library and Wednesday afternoon as soon as school closed at the Oak Park schoolhouse. 1,962 children attended the story hour, with an average attendance of 63.

Branch Library—The branch library is located in the Oak Park schoolhouse. It is open every afternoon from 2 to 6 p. m.

9,995 books were circulated from the branch library this year, being 92 less than last year, and 4,364 visited the reading room, being 1,590 less than last year.

The library has 830 names on its register, 150 being added this year.

13 magazines are subscribed to for the branch library, and to this list 3 magazines are donated by friends outside the library.

Binding—During the year 621 books were rebound and 107 volumes of magazines were bound to help in the reference department staff.

Miss Helen Stout resigned the position of librarian the first of September because of her approaching marriage to take place soon. Miss Stout proved herself an efficient librarian and made many friends during her long term of service at the head of the library.

Miss Evelyn Hammond, who has

done substitute work for the library for several years, was made assistant librarian. Miss Edna LaFranier is serving an apprenticeship at the desk this winter.

Future—The library begins the new year with 11,006 books and pamphlets on its shelves.

The enthusiasm and interest shown in the library by its patrons and the cordial support which the work has received from the board of trustees and members of the staff gives strong evidence of an increased interest in the library for the ensuing year.

Respectfully submitted,

Alice M. Wait,
Librarian.

Staistical Report, May 1, 1911, April 30, 1912. Number of books issued by departments.

Main Library.	Oak Park Branch.
Fiction .....14,183	3,262
Juvenile fiction .....11,443	5,124
Philosophy 137	12
Religion 113	36
Sociology 822	250
Philology 7	
Natural Science 449	189
Useful Arts 194	37
Fine Arts 285	39
Literature 567	143
History 452	207
Travel 473	128
Biography 308	166
Bound Magazines ... 858	402
30,291	9,995

Total number books issued.....40,286
Number of volumes in the library by departments.

Main Library.	Oak Park Branch.
Fiction 2,483	428
Juvenile Fiction..... 1,217	249
Philosophy 73	9
Religion 150	8
Sociology 262	31
Philology 37	6
Natural Science 340	38
Useful Arts 178	6
Fine Arts 148	1
Literature 733	64
History 628	74
Travel 305	36
Biography 363	43
General works in- cluding	75
Bound magazines ... 875	1,068
Michigan documents. 241	

Michigan pamphlets. 178
Gov't. documents.... 437
Gov't. pamphlets.... 2,149
Geologic atlases 201
Art collections 3
Stereoscopic Travels. 5

11,006

Total number books in the library and branch library, 12,074.

Number of books added this year by departments:

	Main Library	Oak Park Branch.
Fiction	195	40
Juvenile Fiction	195	40
Philosophy	5	1
Religion	2	2
Sociology	36	3
Philology		
Natural Science	7	3
Useful Arts	19	1
Fine Arts..	24	2
Literature	16	4
History	36	1
Travel	36	9
Biography	16	3
General Works	103	22
	570	149

Total number of books added.. 719
Number of persons using the reading rooms:

	Main Library.	Oak Park Branch.
Men	2,701	593
Women	1,605	216
Children	5,982	3,555
	10,288	4,364

Total number of people in the reading rooms14,652

Number of patrons enrolled:
Main library 4,201
Oak Park branch 830

New patrons added during the year:
Main library 540
Oak Park branch 150

Number of children at the Story Hours:
Main library1,185
Oak Park school house 777

Total number at story.....1,962
Average attendance at Story Hour 63

	Main Library.	Oak Park Branch.
Magazines subscribed for	55	13
Magazines donated...	3	3
Newspapers subscrib- ed for	2	

Newspapers donated.	1	1	Number of books withdrawn from	
Number of books lost.....	57		the collection during the year..	46
Number of books worn out.....	60			
contagious diseases	8			43
			1 book discarded	1
Total	125			
Rental Collection:				
Number of books in the rental			Number of books in the rental	
collection May 1, 1911.....	26		collection April 30, 1912.....	42
Number of books added during			Amount of money collected from	
the year	63		the rent of books and used to	
			purchase new books for the	
	89		collection	\$59.88

Library Trustees

To the Honorable Mayor and Common Council of the City of Traverse City:

4963—Gentlemen: The trustees of the Public library of the city of Traverse City have the honor to submit their 8th annual report of the Public library.

In submitting this report, we invite your particular attention to the detailed report of the librarian and the financial report, which is attached thereto, and herewith submitted for your consideration.

The value of our library to the people of our city has become so well established that it seems needless for us to devote any part of this report to that subject. We do, however, wish to call your attention to the increase in circulation of books, which is 2192 more than were issued last year. Also the number of new patrons is steadily increasing, and 1617 more people have used the reading rooms than during the past year, and the board desires to say to the people of our city that the library is peculiarly the reading home of all the people, and that they should feel a personal possession and interest in it.

The parlors have been used throughout the year by the Woman's club, and two literary societies of the high school students meet each week during the school year.

There is a close relationship between the public schools and the library, and it is the aim of the library to supplement in every possible way the work of the teacher. Every year the demand for reference material increases, and this year we hope to add many new volumes beside filling back numbers of the magazines which are necessary for this work.

The work with the children increases each year and this winter a table for the little children was placed in the stack room which was very much used and enjoyed, and which shows us that we have need of a separate room for children with good books and a children's librarian. Thirty-one story hours have been held for the children this winter with an average attendance of 63.

We believe our branch library in the Fifth ward is of great importance to the families who live on the east side of our city, although there has been a small decrease in the number of books issued the past year, also a decrease in attendance, which is, perhaps, due to the long illness of the librarian, the closing of one hour earlier during the winter, and also due to some of the patrons of the library moving away from the city.

We wish to express our appreciation of the gift from friends of the three magazines to the branch library; the picture presented to the main library by the Woman's Club, also the gift of The Record-Eagle Co. of their files during the past year.

If the work of the library continues to grow, it is also necessary to increase the funds and we would respectfully petition that you make us an allowance of four thousand dollars for use during the next year.

In conclusion, the board again desires to thank you for your interest in this important branch of our city government, and to our people for their kindly interest in it.

Respectfully,

E. L. Edwards,
Julia S. Umlor,
Leon F. Titus.

Receipts—Library.			
Balance May 1, 1911.....	\$ 655.35	Lights and lamps	125.70
Court fines	615.61	Fuel	305.22
Book fines	68.50	Books	909.42
Refund—Overpay	3.38	Printing and stationery	30.50
Reimbursement by Euterpean society	10.43	Water	18.00
Transfer, 1911 general tax....	2,819.57	Telephone	6.00
		Subscriptions to magazines..	141.00
		Supplies, etc., for janitor....	.50
		Grounds	8.70
	\$4,177.84	Repairs to building	19.36
		Supplies	71.60
Library.		Laundry	8.00
Librarian	\$ 437.50	Insurance	14.50
Assistant librarian	401.50	Binding books and magazines	335.37
Librarian, Oak Park	290.00	Repairs to plumbing.....	27.90
Extra labor, etc.....	20.70		
Janitor	502.00		
Janitor, Oak Park	28.00		
			\$3,701.47

Health Officer

April 20, 1912.

T. H. Gillis, Clerk, Traverse City:

4961—Dear Sir: I hand you herewith my report as health officer for year 1911-12:

Number of contagious cases reported, 152; measles, 33; scarlet fever, 52; smallpox, 1; typhoid fever, 30; chicken pox, 4; diphtheria, 5; infantile

paralysis, 1; pneumonia, 2; tuberculosis, 24.

Notices served, 22.

Complaints investigated, 123.

Disinfections (reported and unreported cases), 222.

Respectfully submitted,

F. Holdsworth,
Health Officer.

Meat and Milk Inspector

4986—Report of the Inspector of Meat and Milk from Aug. 1st, 1911 to May 1st, 1912, nine months.

Number of visits made to dairy farms 299

Number of cows inspected 2280

Number of samples of milk examined 222

Number of samples of cream examined 84

Number of visits to stables in city 50

Number of visits to meat markets 442

Number of visits to slaughter houses 21

Respectfully submitted,

SARA T. CHASE.

City Scavenger

Traverse City, Mich., April 29, 1912.
To the Mayor and City Council, Traverse City, Mich.:

4968—Gentlemen: I respectfully report work performed in this department during the past fiscal year as follows:

Dogs killed and buried 234

Notices served for cleaning closets 21

Chickens placed in pound and redeemed 19

Cows placed in pound and redeemed 8

Horses placed in pound and redeemed 14

Horses buried 64

Calls from police 27

Calls from private parties 62

Closets cleaned 569

Cesspools cleaned 29

Garbage hauled away from private homes, loads 37

Garbage removed from alleys and yards, loads 23

Pigs in pound and redeemed 7

Dogs placed in pound and redeemed 14

Arrests made for not tying horse. 1

Dogs in pound at present time.. 7

Chickens in pound at present time 3

Respectfully submitted,

George W. Gegner,
City Scavenger and Pound Master.

City Weighmaster

Traverse City, Mich., April 20, 1912.	Apples	60
4967Report of loads weighed by city.	Iron	50
Potatoes	Ice	109
Hay	Rags	15
Straw	Copper wire	5
Coal	Household goods	12
Coke	Chickens	3
Cornstalks	Turkeys	4
Corn	Peaches	3
Oats	Autos	8
Wheat	Peas	2
Buckwheat	Lumber	2
Peas	Buggies	1
Cattle	Bones	18
Horses	Rye	3
Hog		
Sheep		
Cattle		
Carrots		
Tan bark		

6715
A. Pohoral,
City Weighmaster.

Clerk of the Board of Education

Traverse City, Mich., April 26, 1912.
To the President and Members of the
Board of Education, Traverse City,
Mich.:

496—Gentlemen: I present herewith
my annual report as secretary of the
board of education for the fiscal year
beginning May 1, 1911, and ending
April 30, 1912:

RECEIPTS.

Contingent.

Non-resident tuition	\$ 2,918.41
Interest on deposits	1,150.01
Del. Tax., Co. Treas.	1,453.72
Typewriting and laboratory fees	115.25
Sale of old iron, boiler, etc.	78.22
Book fines	5.29
Rebate, Webster St. Imp. . .	12.84
Manual training fees.	11.90
Domestic science fees	13.75
Refund, overpay	55.39
Refund, advance on phys- ical training sup.	50.00
Supplies sold	46.49
Rejected tax, reassessed. . .	72.53
Transfer, 1911 tax.	16,056.02
	\$ 22,039.73

DISBURSEMENTS.

Central.

Repairs to building	\$ 177.58
Light	151.08
Power	8.00
Janitor	960.00
Tools, equipment and re- pairs	68.16
Insurance	174.00
Water	67.50
Telephone and toll	24.70
Laundry	1.88
Fuel—Coal, \$521.58; wood, \$9.00	530.58
Sewer expense	121.32
Grounds	37.89
Electric wiring, etc.	23.02
Repairs to plumbing and heating	1,233.69
Cement sidewalk expense. .	71.33
Janitor's supplies—Dusting cloths, \$2.62; salt, lime, etc., \$18.79; brushes, dust pans, cleaner, etc., \$9.74; pails, etc., \$4.07; oil, \$1.10	36.32
	\$ 3,687.05

DISBURSEMENTS.

Boardman Avenue.

Repairs to building	\$ 454.14
Light	32.06
Janitor	600.00
Tools and equipment .....	.82
Insurance	87.00
Water	63.00
Telephone	24.00
Laundry	5.60
Fuel—Coal, \$351.39; wood, \$5.00	356.39
Grounds	5.75
Electric wiring	148.18
Repairs to plumbing and heating	16.36
Janitor's supplies — Oil, \$3.40; floor brushes, \$4.25; dust cloths, etc., \$.38.	8.03
	\$ 1,801.33

DISBURSEMENTS.

Elmwood Avenue.

Repairs to building	\$ 692.42
Light	19.76
Janitor	600.00
Tools, equipment, etc.	51.81
Insurance	87.00
Water	88.
Telephone	24.00
Laundry	10.98
Fuel—Coal, \$353.54; wood, \$11.00	364.54
Cement sidewalk expense. .	6.22
Electric wiring, etc.	38.33
Repairs to plumbing and heating	137.26
Janitor's supplies — Oil, matches, etc., \$2.88; dust- er, dust cloth, etc., \$6.82; basket, pails, etc., \$2.60. .	12.30
	\$ 2,132.62

DISBURSEMENTS.

Oak Park.

Repairs to building	\$ 72.68
Light	24.11
Janitor	660.00
Tools, equipment and re- pairs	20.70
Insurance	65.25
Water	63.00
Telephone	12.00
Laundry	6.17
Fuel—Coal, \$422.57; wood, \$5.00	427.57
Grounds	6.50
Electric wiring, etc. ....	.65

Rent of chairs	2.00	\$37.17; music, \$33.70....	588.99
Cement sidewalk expense..	86 50	Medical inspection	48.50
Repairs to heating and plumbing	150.46	Miscellaneous printing.....	157.22
Janitor's supplies—Hose, couplings, etc., \$.80; oil, \$.36	1.16	Census taking — Labor, \$87.02; supplies, \$11.00 ..	98.02
		General school supplies...	946.61
		Typewriter rental	31.50
		Commercial Dept. supplies .....	.46

\$ 1,598.75

DISBURSEMENTS.

Union Street.

Repairs to building	\$ 378.77	On acct. of correction in tax receipt	1.01
Light	44.70	Commencement expense....	109.85
Power	158.55	Wireless telegraphy expense	3.69
Janitor	640.00	Drawing supplies	35.42
Tools, equipment, etc.....	7.20	Interest on \$20,000 bonds..	800.00
Tuning pianos	2.50	Repairing clocks	15.60
Water	63.00	Livery	7.50
Telephone	24.00	Inventory of school property	30.00
Laundry	9.00	Disinfecting materials	39.20
Fuel—Coal, \$269.88; wood, \$12.00	281.88	Tuning pianos	18.75
Grounds	11.85	Kindergarten supplies	118.16
Cement sidewalk expense..	18.23	Printing and stationery—Letterheads, envelopes, etc., \$18.75; school stationery, \$60.61	79.36
Furniture and repairs.....	75.11	Typewriters	200.00
Balance on piano	62.50	Basketball supplies	66.85
Repairs to heating and plumbing	104.33	Day school for deaf, supplies	5.00
Janitor's supplies—Brushes, mops, brooms, etc., \$.62; oil, etc., \$.354; lawn sprays, \$.75; dust cloths, \$.204	12.53	Bound proceedings of board	15.00

\$ 1,894.59

DISBURSEMENTS.

Boonville.

Repairs to building	\$ 12.76		
Laundry .....	.08		
Janitor	90.00		
Tools and equipment .....	.90		
Telephone	7.00		
Cement sidewalk expense..	25.11		
Fuel—Kindling, \$2.00; wood, \$81.75	83.75		
Janitor's supplies — Gold Dust, \$2.65; brooms, \$.75	3.37		
	\$ 222.97		

DISBURSEMENTS.

Incidentals.

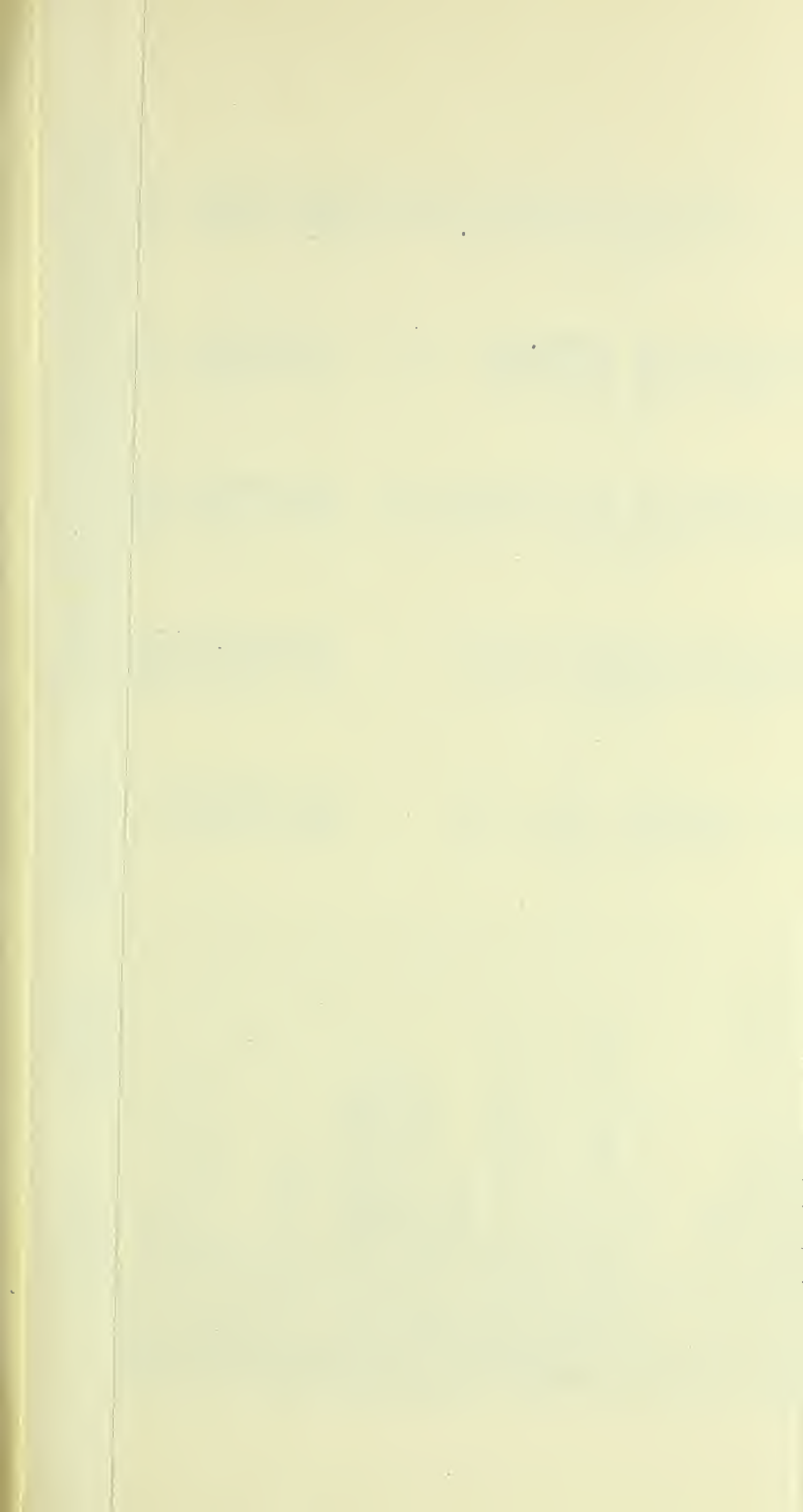
Freight, cartage and express	\$ 149.82		
Truant officer	285.00		
Day school for deaf	680.00		
Clerk	300.00		
Supt's. clerk	337.00		
Postage, telegrams, etc....	63.10		
Library work	57.79		
Books — Regular text, \$464.03; supplementary reading, \$54.09; library,			

DISBURSEMENTS.

Domestic Science Supplies.

Gas	\$ 65.09
Milk	17.00
Meat	40.53
Labor in kitchen	39.00
Eggs	15.53
Bread	5.45
Butter	22.34
Lard	3.37
Flour	3.80
Potatoes	2.38
Yeast .....	.35
Gold Dust, soap, etc.....	8.20
Sugar	16.34
Vegetables	6.47
Bay leaves .....	.05
Cheese	5.72
Soup .....	.60
Flakes, etc.	1.20
Crackers and wafers .....	.96
Vinegar .....	.38
Matches .....	.95

\$ 6,208.51



Comparative Statement of Disbursements for the Fiscal Year beginning May 1, 1907, and ending April 30, 1908:
from May 1, 1908, to April 30, 1909; from May 1, 1909, to April 30, 1910; from May 1, 1910, to April 30, 1911,
and from May 1, 1911 to April 30, 1912:

	1907-08	1908-09	1909-10	1910-11	1911-12
Supts., teachers' and supervisors' salaries....	33,042.21	\$ 25,662.50	\$ 37,195.98	\$ 37,845.68	\$ 38,477.12
Janitors	3,336.00	3,486.69	3,438.67	3,527.50	3,550.00
Repairs to building, plumbing, etc.	1,824.75	6,514.49	6,582.13	989.59	3,430.45
Electric lighting, wiring, etc.	144.92	272.68	292.91	482.27	3,481.99
Electric power	128.38	126.56	120.76	135.07	166.55
Telephones	120.00	120.00	120.00	120.00	115.00
Tools, equipment, etc.	360.10	245.72	219.36	203.72	149.59
Insurance	620.01	503.25	556.19	620.01	413.25
Fire—Coal, 1907-08, \$1,264.32; 1908-09, \$1,329.85; 1909-10, \$2,279.58; 1910-11, \$2,157.35; 1911-12, \$1,918.86. Wood— 1907-08, \$1,247.36; 1908-09, \$1,006.76; 1909-10, \$331.24; 1911-12, \$123.75. Kindling—1907-08, \$11.72; 1908-09, \$12.00; 1909-10, \$40.50; 1911-12, \$2.00	2,524.00	2,642.71	2,618.20	2,197.95	2,044.71
Fuel purchased but resold.....		116.87			
Water	344.50	344.50	344.50	344.50	344.50
Landry, etc.....	10.25	29.40	23.89	33.71	33.71
Grounds	75.41	118.62	103.41	47.60	61.99
Floor oil		54.95	54.22	48.23	
Blackboards and labor incident.....	103.71	24.30	82.21		
Janitors' supplies	170.78	25.16	52.45	80.77	73.71
Domestic science supplies		300.25	266.38	305.98	344.84
A. T. L. day science equipment.....	52.85	509.06	614.91	90.00	
Manual training supplies.....		1,268.13	133.27	110.42	194.42
A. Tracy Lay manual training equipment.....		1,268.13	33.14	285.27	
Freight and cartage	255.71	207.53	163.41	106.35	149.82
Livery	13.50	5.00	2.00	6.00	7.50
Truant officer	285.00	285.00	285.00	285.00	285.00
Teacher day school for deaf.....	758.65	899.70	543.60	300.00	680.00
Clerk hire	300.00	35.00	300.00	300.00	300.00
Taking inventory of school property.....		22.50			
Superintendent's clerk.....	215.00	252.00	204.00	312.00	337.00
Typewriter rental	45.00	27.50	100.70	42.00	31.50
Supplies, laboratory	327.07	278.18	344.44	321.38	187.01
Kindergarten	129.31	94.45	174.23	74.77	118.16
Biological and horticultural		14.60			
General school	453.99	307.09	473.39	923.81	946.61
Printing and stationery	226.54	274.84	121.44	81.90	251.58
New building, Central building					121.32
Basketball supplies					60.87
Rejected tax, fireproofs, credit.....					5.00
Supplies Day School for Deaf					11.56
Expense of teacher not hired					11.00
Misc	12.00	100.48	3.79	58.14	33.67
Commemoration expense	113.50	84.50	123.35	114.53	109.83
Census taking, labor.....	77.30	24.16	7.37	72.53	81.02
Supplies	4.30	19.50	6.50	3.50	17.50
Library expense	60.75	85.36	57.00	63.65	57.70
Postage, express, telegrams, etc.....	43.01	55.36	46.21	48.47	53.80
Furniture, pianos, etc.....	9.25	132.71	253.94	265.49	257.55
Expense of Supt. to convention.....		23.00			
Interest on bonds	\$800.00	800.00	800.00	800.00	800.00
Paving tax		55.67	375.56	444.79	451.80
Notes paid		4,000.00	1,000.00		
Interest on temporary note.....		51.99			
Books, regular text	448.46	596.35	596.52	599.42	464.03
Supplementary reading	196.27	19.63	70.76	70.76	54.00
Library	251.76	110.13	202.43	106.57	54.00
Drawing supplies	255.74	292.90	181.33	200.87	41.92
Picture framing	75.25	24.05	9.00	35.42	35.42
Tuning pianos		7.50	63.84	9.00	21.25
Clocks and repairing	12.74	10.00	25.25	5.75	15.60
Cement walks	54.75				207.39
Inspection of school buildings	6.00				
Appropriations Athletic Association			50.00		
Wireless telegraphy supplies			22.28	21.10	3.69
Commercial department supplies.....			225.01	34.55	4.5
Purchasing agent and overseer			50.00		
Engineer's services			8.00		
Taxes and tax deed			7.50	26.47	29.55
Rent of chairs .....			.50	78.50	87.70
Medical attendance, disinfecting, etc.....				190.00	200.00
Typewriters				4.00	
School of Instruction, 09-10.....					
Totals	\$ 48,049.12	\$ 64,962.38	\$ 60,240.48	\$ 53,703.52	\$ 56,562.20
Less payment of notes		4,000.00	1,000.00		
Net disbursements	\$ 48,049.12	\$ 60,962.38	\$ 59,240.48	\$ 53,703.52	\$ 56,562.20

Parsley .....	.25	\$4,949.90; supply, \$156.25	5,106.15
Gelatine	1.31	Oak Park — Regular, \$5,	
Cocoa, coffee and tea	1.35	508.99; supply, \$109.75...	5,618.74
Celery .....	.50	Boardman Ave. — Regular,	
Lettuce	1.24	\$4,627.48; supply, \$188.00	4,815.48
Salt and pepper .....	.65	Union Street—Regular, \$3,-	
Pickles and olives .....	.90	965.90; supply, \$43.50....	4,009.40
Flavoring extract	2.35	Boonville—Regular, \$275.00;	
Fruit	12.25	supply, \$2.00	275.90
Nuts	3.33	Superintendent	2,106.60
Baking powder and soda..	1.83	Supervisors	2,680.35
Fly paper .....	.25		
Spices .....	.40		\$ 38,477.12
Cornstarch .....	.40		
Molasses	1.00		
Raisins and currants .....	.96		
Rice and tapioca	1.47		
Macaroni .....	.50		
Chocolate	1.45		
Pumpkin .....	.30		
Books .....	.60		
Kitchen utensils, dishes,			
etc.	12.80		
Call bells .....	.60		
Sewing materials	37.66		
Cotton cloth, toweling, etc.	2.20		
Rubbers and corks .....	.52		

RECEIPTS.

Interest and Sinking.

Balance May 1, 1911.....	\$ 1,780.09
Transfer, 1911 tax.....	1,863.28

\$ 3,643.37

RECEIPTS.

General School Tax.

1911 tax	\$ 33,731.13
1911 tax, reassessed	2,101.37

\$ 35,832.50

DISBURSEMENTS.

General School Tax.

Contingent	\$ 17,056.27
Teachers' salaries	9,495.62
Teachers' salaries, one-mill	7,417.33
Interest and sinking	1,863.28

\$ 35,832.50

FINANCIAL STATEMENT.

Liabilities.

Bonds outstanding	\$ 20,000.00
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Resources.

RECEIPTS.		Delinquent tax at county	
Teachers' Salaries.		treasurer's office for col-	
Primary school	\$ 20,737.50	lection	\$ 4,630.00
Refund, overpay	22.50	Cash on hand and in depos-	
Transfer—1911 tax, \$8,-		itory in teachers' salaries	
938.76.. 1911 one-mill tax,		fund	11,637.64
\$6,982.34	15,921.10	Cash on hand and in depos-	
		itory in contingent fund.	16,415.41
		Cash in depository in in-	
		terest and sinking fund..	3,643.37
		Inventory	255,388.31
			\$291,714.73
DISBURSEMENTS.		Resources in excess of lia-	
Teachers' Salaries.		bilities	\$271,714.73
High — Regular, \$9,624.75;		Respectfully submitted,	
supply, \$75.90	\$ 9,700.65	T. H. Gillis, Secretary.	
Central—Regular, \$4,144.50;			
supply, \$18.25	4,162.75		
Elmwood Avenue—Regular,			

	1911-12	1911-12
	Appropriations	Disbursements
Teachers' salaries	\$38,000 00	\$38,477 12
Janitors	3,600 00	3,550 00
Repairs to buildings	3,000 00	3,821 15
Electric lights and repairs.....	500 00	481 99
Electric power	150 00	166 55
Telephones	125 00	115 00
Tools and equipment	200 00	149 59
Insurance	500 00	413 25
Fuel	2,500 00	2,044 71
Water	350 00	344 50
Laundry	35 00	33 71
Domestic Science supplies.....	300 00	344 84
Manual training	150 00	194 42
Truant officer	300 00	285 00
Clerk hire	300 00	300 00
Superintendent's clerk	300 00	337 00
Typewriter rental and purchase.....	200 00	231 50
Biological and laboratory	350 00	187 01
Kindergarten	100 00	118 16
General school supplies	500 00	946 61
Letter heads, envelopes, etc., school Stationery	100 00	251 58
Commencement expenses	125 00	109 85
Census taking	100 00	87 02
Postage, express and telegrams.....	50 00	63 80
Interest on bonds	800 00	800 00
Books	800 00	560 04
Examination paper and drawing material.....	200 00	35 42
Paving tax	450 00	451 80
Library expense	75 00	57 79
Incidentals	2,000 00	1,602 79
	<u>\$56,160 00</u>	<u>\$56,562 20</u>

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ANNUAL REPORTS

OF THE CITY OF

Traverse City, Michigan

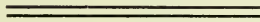
1912 - 1913

UNIVERSITY OF MICHIGAN
JUN 19 1913

ANNUAL REPORTS

of the

City of Traverse City Michigan



**Fiscal Year Beginning May 1st, 1912
to April 30th, 1913**

ANNUAL REPORTS

of the

City of Traverse City

City Clerk

Traverse City, Mich., April 28, 1913.
To the City Council, Traverse City,
Mich.:

5457—Gentlemen: I present herewith
my annual report as city clerk for the
fiscal year beginning May 1, 1912, and
ending April 30th, 1913:

RECEIPTS.

Contingent.

Balance May 1, 1912	\$ 4,049.32
Interest on deposits	1,427.16
Delinquent tax and tax sales county treasurer	4,759.17
Recorder's court costs	15.00
Labor, cleaning closet	5.25
1912 summer tax fees	229.74
1912 winter tax penalty	330.38
Rejected tax—General tax \$235.63; penalty, \$12.78...	248.41
Refund, overcharge	1.40
Services of district nurse..	186.00
Rebate, erroneous assess- ment	21.84
Over run 1912 tax—	
State	15.09
County	24.66
County road	20.11
Transfers—	
Cass St. Ex. Imp.....	71.82
State and Cass St. Imp....	53.86
E. State St. Imp.....	1,697.86
Front and Union	59.44
Licenses—Wholesale liquor, \$100.00; retail liquor, \$4,822.88; city's share county liquor licenses, \$5- 258.55; dray and hack, \$292.50; plumber, \$10.00; moving picture, \$50.00; auctioneer, \$10.00; pool and billiard, \$40.00; hawk- ers and peddlers, \$66.00; lodging and boarding house, \$2.00; building mover, \$16.00; shooting gallery, \$1.00; pawn- brokers, \$45.87; street carnival, \$75.00; refresh- ment stand, \$5.00; circus, \$90.00	10,884.80
Total	\$24,101.31

DISBURSEMENTS.

Contingent.

Note and interest (Abbott voting machines)	\$ 260.00
Express, freight and cart- age	20.65
Janitor service	143.75
Postage, city offices.....	340.54
General office supplies	321.05
Telegrams	8.74
Telephone and toll.....	43.52
Laundry	5.28
Insurance	35.58
Rent of city offices	1,000.00
Rent of Fifth Ward hall....	28.00
Ambulance expense, repairs, laundry, etc.....	16.93
Livery	7.00
Typewriting, supplies, etc., (city attorney)	74.85
Supplies, meat and milk in- spectors	15.40
Inventory of lighting plant, bonding expense	1,295.50
Extra labor, clerk hire, etc..	1,359.07
Office furniture	112.98
Expense re-grade crossing East Front street	7.30
Miscellaneous printing.....	159.10
Health officer—	
Supplies	30.94
Disinfecting	224.67
Supervisors' services—	
Board of health	106.00
Quarantine cases	15.50
Making annual and special assessment rolls	1,151.00
Board of review	15.00
Elections and Registrations—	
General election supplies..	165.06
Special election, 5-14-12..	135.70
Registration, 5-6-12.....	69.50
Primary election, 8-27-12..	197.87
Registration, 10-25 & 26-12	105.00
Election, 11-5-12.....	232.25
Enrollment, 1-25-13	50.50
Registration, 3-1-13	62.25
Special election, 3-10-13..	125.52
Registration, 3-28 & 29-13	128.75
Primary election, 3-5-13...	199.88
Primary election, 3-25-13..	178.45
State election, 4-7-13.....	142.00

FINANCIAL AFFAIRS

[illegible]

Transfer—	
1912 tax	7,555.40
1912 tax reassessed	674.72
Total	\$ 9,391.71

DISBURSEMENTS.**Salaries.**

T. H. Gillis, city clerk.....	\$ 2,000.00
I. M. Winnie, city treasurer ..	1,500.00
D. C. Tabor, city engineer..	900.00
P. C. Gilbert, city attorney..	300.00
G. A. Holliday, health officer	300.00
H. J. Getman, meat and milk inspector	300.00
W. H. Umlor, judge of re- corder's court	400.00
W. D. C. Germaine, mayor..	275.00
G. B. Kilbourne, alderman, ward one	200.00
H. B. Montague, alderman, ward one	200.00
F. R. Goodrich, alderman, ward two	200.00
Thomas Fitch, alderman, ward two	200.00
Oscar Simpson and C. M. Beers, alderman, ward three	166.68
Levi Soule, alderman, ward three	200.00
M. A. Umlor, alderman, ward four	200.00
D. J. Dyer, alderman, ward four	200.00
G. F. Smith, alderman, ward five	200.00
A. Langworthy, alderman, ward five	200.00
J. H. McGough, member board of public works....	200.00
T. Shane, member board of public works	200.00
E. C. Hogan, member board of public works	200.00
Total	\$ 8,541.68

RECEIPTS.**Interest and Sinking.**

Balance May 1, 1912.....	\$19,147.74
Delinquent tax, county treas- urer	531.01
1912 summer tax	6,716.70
1912 summer tax reassessed	599.77
Rejected tax reassessed	38.36
Rejected tax, delinquent tax, county treasurer	3.81
Total	\$27,037.59

DISBURSEMENTS.**Interest and Sinking.**

Interest on bonds—

\$7,000.00 street intersec- tion	\$ 315.00
\$13,000.00 street intersec- tion	585.00
\$6,000.00 street intersec- tion	270.00
\$28,000.00 refunding.....	1,120.00
\$9,000.00 bridge	360.00
\$6,000.00 bridge	270.00
\$150,000.00 electric light..	3,187.50
Total	\$ 6,107.50

RECEIPTS.**Police.**

Balance May 1, 1912	\$ 709.45
Refund, overpay	110.00
Refund, overpay	110.00
Transfers—	
1912 tax	5,270.75
1912 tax reassessed	470.69
Total	\$ 6,560.89

DISBURSEMENTS.**Police.**

Regular men	\$ 4,821.17
Special men	277.09
Light	18.20
Telephone and toll	61.23
Miscellaneous department expense	47.80
Livery	54.30
Feed, chief's horse	106.40
Repairing lockup	8.11
Livery, etc., auto police....	52.00
Office rent	190.00
Telegrams	4.07
Auto police	130.00
Board of prisoners	1.93
Equipment	12.15
Licenses to carry concealed weapons	3.00
Repairs to Hotel Leelanau..	2.50
Total	\$ 5,789.95

RECEIPTS.**Library.**

Balance May 1, 1912	\$ 476.37
Recorder's court fines	29.00
Book fines	64.00
Refund, overpay	30.40
Transfers—	
1912 summer tax	2,635.38
1912 summer tax reas- sessed	235.35
Total	\$ 3,470.50

DISBURSEMENTS.**Library.**

Librarian	\$ 420.00
Assistant librarians	430.00
Librarian Oak Park	300.00
Janitor	480.00

Janitor Oak Park	27.00	essed	578.96
Light	107.25		
Fuel	386.46	Total	\$40,999.77
Books	698.36		
Telephone, Oak Park	10.00		
Miscellaneous supplies	112.43		
Printing and stationery	47.60		
Water	18.50		
Grounds	4.50		
Subscriptions to magazines..	164.82		
Binding books	239.80		
Repairing furniture	5.49		
Freight and cartage	2.30		
Laundry	5.00		
Repairs to heating and plumbing	7.55		
Repairs to building	6.91		
Total	\$ 3,473.88		

RECEIPTS.

Public Lighting.

Balance May 1, 1912	\$ 1,227.56
Lights out	
Bonds sold	150,000.00
Premium on bonds	150.00
Accrued interest on bonds..	1,499.50
Transfer—	
1912 summer tax	5,710.59
1912 summer tax reassessed	509.97
Total	\$159,097.62

DISBURSEMENTS.

Streets	\$ 5,783.70
Public Lighting.	
Lights, repairs, etc.....	3.13
City offices	41.44
Second ward building.....	6.50
Third ward building	6.50
Tool house	50
Purchase of properties of the Queen City Electric Light & Power Co.....	150,000.00
Moving light from Seventh street to Elmwood Ave..	22.00
Total	\$155,863.77

RECEIPTS.

Water.

Balance May 1, 1912	\$14,652.40
Schedule rates	11,351.23
Meter rates	7,064.47
Taps	497.50
Installing meters	96.00
Material sold	168.15
Extra water, circus, etc....	7.00
Water, Catholic cemetery...	27.00
Refund, overpay	73.96
Transfers—	
1912 summer tax	6,483.10
1912 summer tax reass-	

Total

DISBURSEMENTS.

Water.

Office—Supt., \$900.00; stationery and printing, \$160.07; insurance, \$78.28; interest, \$4,614.18; rebates, \$71.91; reading meters, \$32.50; inspections, \$99.50; miscellaneous supplies, \$.63	\$ 5,957.07
Pumping — Engineers, \$1,645.00; firemen, \$1,422.60; Fuel, coal \$1,846.88, wood \$801.45; oil, waste and packing, \$170.30; light and lamps, \$134.17; telephone, \$12.00; boiler No. 1, \$30.71; boiler No. 2, \$49.61; equipment, \$75.01.....	6,187.73
Maintenance—Intake, \$88.47; pumps, \$102.41; boilers, \$218.31; auxiliary machinery, \$1.28; buildings, \$86.59; mains, \$257.32; hydrants, \$328.92; repairs and testing meters, \$342.30; hose and attachments, \$7.90; extra labor, \$66.07; sprinkling valve repairs, \$90.83; fountains, \$12.80; stack, \$89.81.....	1,693.01
Construction—Labor, \$804.54; material, \$2,395.39; draying, \$340.12; horse troughs, \$5.00; valves, \$7.50; hydrants, \$7.25; taps, \$1,055.36; meters, \$933.18; tools, \$91.24; new stack, \$952.72; new building, \$4,358.46; livery, \$7.50; resetting boilers, \$454.82; purification plant, \$359.25; new boiler, \$1,322.33.....	13,094.65
Total	\$26,932.46

RECEIPTS.

General Sewer.

Balance May 1, 1912.....	\$ 1,139.28
Delinquent tax, Co. Treas—	
Lateral sewer No. 3, district No. 8.....	77.92
Lateral sewer No. 2, district No. 8	17.04
Transfers—	
1912 tax	2,372.12
1912 tax reassessed.....	211.84
From the contingent fund	1,000.00
Total	\$ 4,818.20

DISBURSEMENTS.

General Sewer.

Flushing sewers	\$ 86.85
Repairing sewers	117.79
Cement	3.34
Labor and material, catch basins	93.33
Draying, express, etc.	2.25
Tools and equipment	27.03
Labor in office	55.50
Sewer pipe	3.87
Total	\$ 389.96

RECEIPTS.

Bridge.

Balance May 1, 1912	\$ 861.16
Transfers—	
1912 tax	878.46
1912 tax	78.44
Total	\$ 1,818.06

DISBURSEMENTS.

Bridge.

Cleaning bridges	\$ 22.79
Repairing bridges	75.16
Building walk to Park St. bridge	40.78
Filling for Park St. bridge..	16.61
Total	\$ 155.34

RECEIPTS.

Cemetery.

Balance May 1, 1912	\$ 1,230.03
Lots sold, fiscal year	481.07
Burials	516.33
Removals	29.00
Putting up tents	9.75
Care of lots, fiscal year	790.50
Care of lots, 1913	33.00
Grading lots	268.00
Extra labor	39.30
Extra labor	2.00
Lots, delinquent May 1, 1906	10.00
Single graves	15.00
Hose sold	6.50
Transfers—	
1912 tax	439.44
1912 tax reassessed	39.24
Total	\$ 3,909.16

DISBURSEMENTS.

Cemetery.

Sexton	\$ 780.00
Horse hire	120.00
General labor and care of lots	1,493.77
Telephone	15.00
Repairs and equipment	182.46
Soil	86.00
Sod	30.80
Water	9.25
Care of flowers	51.50

Seed	5.75
Storing shed	60.14
Refund, sale of lot	6.66
Total	\$ 2,841.33

RECEIPTS.

Park.

Balance May 1, 1912	\$ 708.57
East Front St. \$7,000 bonds and accrued interest	7,016.61
Total	\$ 7,725.18

DISBURSEMENTS.

Park.

Hannah and Lake Ave. Parks—	
Caretaker	\$ 342.54
Extra labor	8.26
Fountains	18.12
Plants, etc.	28.90
Miscellaneous supplies....	2.66
Gravel	8.50
Cable, etc., for lights	82.13
Union and Tenth Sts.—	
Labor	32.50
Moving building	166.59
Fountains	17.16
Caretaker	5.25
Cement walk	11.50
Supplies	5.99
Draying .....	.35
East Front Street—	
Expense \$7,000 bond issue	55.25
Purchase \$7,000	5,749.94
Recording deeds	5.10
Interest	157.50
Taxes	45.66
Repairing tools	1.75
Total	\$ 6,745.65

RECEIPTS.

General Street.

Market streets	\$ 415.85
Dog licenses	202.00
Rent of road roller	42.50
Labor, city horses	787.64
Gravel sold	66.70
Refund, Webster St. paving	25.48
Transfers—	
1912 tax	439.44
1912 tax reassessed	39.24
From the contingent fund	6,775.49
Total	\$ 8,794.34

DISBURSEMENTS.

General Street.

Overdrawn balance May 1, 1912	\$ 1,937.69
Weighmaster	600.00
Weighmaster, supplies .....	.82
Weighmaster, light	5.50
Weighmaster, fuel	14.95
Weighmaster, telephone	18.00

Weighmaster's office and repairs to scales	951.07
Freight and cartage	25.91
Telegrams .....	.38
Killing and burying dogs, expense scavenger	165.25
Tools, equipment and repairs	1,740.68
Street commissioner	1,272.00
Telephone, tool house.....	12.00
Light, tool house	3.36
Fuel, tool house	14.25
Caring for city dump grounds	322.50
Care of market site, refuse grounds	303.53
Filling market site, refuse grounds	28.27
Feed and care of deer	89.61
Repairing walks	230.86
Repairing pavement	14.78
Grading Brosch street.....	6.50
Foreman	72.50
City horses—	
Care	355.32
Feed, bedding, etc.....	557.67
Veterinary, medicine, etc.	19.85
Horseshoeing	31.96
Harness, expense	1.35
Livery	9.00
City engineer's assistants...	430.50
Building cross walks.....	14.59
Equipment, city engineer....	169.10
Expense, Rennie St. hill....	234.36
Storm expense	189.19
Typewriting, city engineer..	5.74
Paving tax	104.85
Insurance	110.30
Weighing on Hannah & Lay Merc. Co.'s scales	31.58
Feed, St. Com.'s horse.....	47.41
Thawing out pipes .....	.50
Total	\$10,143.62

RECEIPTS.

Street District No. 1.	
Balance May 1, 1912.....\$	733.07
Delinquent tax, Co. Treas...	102.69
Delinquent tax, Co. Treas., cement sidewalk.....	125.93
Delinquent tax, Co. Treas., rejected tax.....	3.00
1912 summer tax.....	3,215.30
1912 summer tax, reassessed	181.74
1912 cement sidewalk, reassessed	15.60
1912 cement sidewalk fees..	.60
1912 cement sidewalk.....	66.97
Total	\$ 4,444.90

DISBURSEMENTS.

Street District No. 1.	
Labor, cleaning pavement...\$	1,602.86
Hauling dirt from pavement	294.53
Sprinkling and flushing.....	453.37
General repair of streets....	413.20
Cleaning cross walks.....	3.32
Picking up stone	5.23
Repairing walks	5.37
Labor with road grader.....	10.81
Cleaning catch basins	85.36
Cutting weeds and trees....	32.99
Repairing pavement.....	3.75
Repairing washouts	14.25
Snow plowing	47.50
Snow shoveling	66.23
Gutter plowing	28.80
Hauling snow	35.25
Sanding walks	5.85
Cement walks—	
Tearing up and filling	62.81
Hauling gravel	41.97
Labor	70.25
Cement	91.29
Draying	6.00
Total	\$ 3,380.99

RECEIPTS.

Street District No. 2.	
Balance May 1, 1912.....\$	500.30
Delinquent tax, Co. Treas.—	
Street district	339.39
Cement walk	37.05
1912 summer tax.....	1,986.89
1912 summer tax.....	180.88
Rejected tax	2.65
Total	\$ 3,047.16

DISBURSEMENTS.

Street District No. 2.	
Labor, cleaning pavement...\$	173.38
Hauling dirt from pavement.	54.83
Sprinkling	346.05
General repair of streets....	1,028.74
Cleaning cross walks.....	29.29
Picking up stone	47.36
Repairing walks.....	5.74
Labor, road grader	33.77
Cleaning catch basins	40.59
Washouts—	
Gravel and sand	31.50
Cleaning creek	41.12
Tile at Randolph St.....	14.87
Labor	467.86
Cutting weeds	70.00
Sanding walks	6.75
Snow plowing	101.20
Snow shoveling	92.86
Hauling snow	2.25
Gutter plowing	2.00

Total \$ 2,590.16

RECEIPTS.

Street District No. 3.

Balance May 1, 1912	\$ 912.87
Delinquent Tax, Co. Treas.—	
Street district	228.83
Cement sidewalk	223.65
Rejected tax	4.05
1912 summer tax	1,173.93
1912 summer tax, reassessed	143.53

Total\$ 2,686.86

DISBURSEMENTS.

Street District No. 3.

Labor, cleaning pavement..\$	493.63
Hauling dirt from pavement	209.65
Sprinkling and flushing....	163.05
General repair of streets....	578.24
Cleaning cross walks.....	7.68
Picking up stone	19.37
Repairing walks	3.62
Labor, road grader	20.55
Cleaning catch basins	32.98
Cutting weeds	51.62
Repairing washouts	32.75
Sanding walks	2.00
Snow plowing	81.45
Gutter plowing	20.00
Snow shoveling	24.04

Total\$ 1,740.63

RECEIPTS.

Street District No. 4.

Balance May 1, 1912.....\$	1,889.15
Delinquent Tax, Co. Treas.—	
Street district	104.05
Cement sidewalk	49.20
Rejected tax	20.13
1912 summer tax	741.46
1912 summer tax, reassessed	67.07
1912 cement sidewalk	52.50
1912 cement sidewalk, reassessed	61.20
1912 cement sidewalk fees...	.42

Total\$ 2,985.18

DISBURSEMENTS.

Street District No. 4.

Labor, cleaning pavement..\$	362.79
Hauling dirt from pavement	98.73
Sprinkling and flushing....	170.75
General repair of streets....	568.11
Cleaning cross walks.....	10.92
Picking up stone	19.37
Labor, road grader	17.39
Cutting weeds	20.12
Cleaning catch basins.....	28.64
Graveling Lake Ave.....	67.03
Snow plowing	36.30
Cement walks—	
Gravel	30.50
Labor	42.47
Cement	38.33

Livery and draying	7.25
Sanding walks	5.49
Gutter plowing	14.50
Shoveling snow	20.36
Hauling snow	11.87

Total\$ 1,570.92

RECEIPTS.

Street District No. 5.

Balance May 1, 1912.....\$	987.87
Delinquent tax Co. Treas. —	
Street district	316.37
Cement walk	48.75
Rejected tax	109.98
1912 summer tax	1,182.45
Cement driveway and side-walk, 1912	669.67
1912 summer tax, reassessed	233.37
1912 cement sidewalk, reassessed	319.60
1912 cement sidewalk fees..	5.33

Total\$ 3,873.39

DISBURSEMENTS.

Street District No. 5.

Labor, cleaning pavement..\$	88.05
Hauling dirt from pavement	26.35
Sprinkling	202.48
General repair of streets....	1,291.19
Cleaning cross walks	15.91
Picking up stone	35.36
Repairing walks	5.72
Labor with road grader....	40.16
Gravel	104.10
Grubbing stumps	22.58
Cutting weeds	31.50
Refund on sidewalk.....	5.00
Snow plowing	117.40
Snow shoveling	34.03
Sanding walks	4.05
Cement walks—	
Labor	696.41
Livery and draying	15.75
Lumber	15.08
Filling for walks	270.08
Gravel and hauling	458.35
Supplies	1.93
Cement	656.68

Total\$ 4,138.16

RECEIPTS.

Electric Light and Power Department.

Power	\$ 1,875.35
Light	11,816.92
Mdse. and labor.....	4,167.68
Rent	210.00

Total\$18,069.95

DISBURSEMENTS.

Electric Light and Power Department.

Labor—	
Line construction	\$ 524.00

Trimming arcs	63.00
Power house employees..	1,000.00
Superintendent	800.00
Office	720.00
Grading, etc., at power house	110.70
General labor	1,374.24
Freight, cartage, express and livery	274.92
Supplies at power house....	61.24
Recording deed	1.95
Water	6.75
Postage	39.00
General merchandise, tools, etc.	5,887.11
Paint	34.61
Miscellaneous office expense, supplies, cleaning	84.03
Telegrams	4.69
Coal	102.38
Insurance	43.60
Telephone and toll	53.35
Office rent	400.00
Lumber	25.87
Laundry .....	.42
Boarding men at power house	15.70
Papering rooms	27.10
Taxes (check drawn not paid)	52.58
Rental, line privilege	4.00
Poles	264.90

Total\$11,976.14

RECEIPTS.

Cass Street Extension Imp.

Balance May 1, 1912.....	\$ 28.53
Delinquent tax, Co. Treas..	47.69

Total\$ 76.22

DISBURSEMENTS.

Cass Street Extension Imp.

Rebates	\$ 4.40
Transfer to contingent fund	71.82

Total\$ 76.22

RECEIPTS.

West Front Street Imp.

Transfer from contingent fund	\$ 526.27
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DISBURSEMENTS.

West Front Street Imp.

Overdrawn balance May 1, 1912	\$ 526.27
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RECEIPTS.

E. Front Street Imp.

Delinquent tax, Co. Treas..	\$ 83.08
Transfer from contingent fund	195.49

Total\$ 278.57

DISBURSEMENTS.

E. Front Street Imp.

Overdrawn balance May 1, 1912	\$ 238.00
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RECEIPTS.

South Union Street Ex. Imp.

Balance May 1, 1912.....	\$ 100.37
Delinquent tax, Co. Treas...	375.83
Rejected tax reassessed....	91.72

Total\$ 567.92

DISBURSEMENTS.

South Union St. Ex. Imp.

Rebates	\$ 35.53
Notes sold	300.00
Interest	30.70

Total\$ 366.23

RECEIPTS.

Washington Street Imp. No. 1.

Balance May 1, 1912.....	\$ 472.57
Delinquent tax, Co. Treas..	524.49
Rejected tax.....	43.06

Total\$ 1,040.12

DISBURSEMENTS.

Washington Street Imp. No. 1.

Notes sold	\$ 500.00
Interest	127.13

Total\$ 627.13

RECEIPTS.

Washington Street Imp. No. 2.

Fifth installment—	
Principal	\$ 816.13
Interest	36.82
Fifth installment, reassessed	131.76
Sale of notes	789.30

Total\$ 1,774.01

DISBURSEMENTS.

Washington Street Imp. No. 2.

Overdrawn balance May 1, 1912	\$ 428.89
Rebates	109.07
Notes sold	1,065.97
Interest	53.30

Total\$ 1,657.23

RECEIPTS.

Eighth Street Imp. No. 1.

Balance May 1, 1912	\$ 1,445.18
Delinquent tax, Co. Treas..	154.04

Total\$ 1,599.22

DISBURSEMENTS.

Eighth Street Imp. No. 1.

Notes sold	\$ 1,000.00
Interest	150.54

Total\$ 1,150.54

RECEIPTS.

Eighth Street Imp. No. 2.

Balance May 1, 1912	\$ 568.14
Delinquent tax, Co. Treas...	131.02
Sale of notes	338.89
Fourth installment—	
Principal	835.20
Interest	69.93
Fourth installment, reassessed	431.49
Rejected tax, reassessed....	19.31

Total\$ 2,393.98

DISBURSEMENTS.

Eighth St. Imp. No. 2.

Rebates	\$ 247.74
Notes sold	1,561.46
Interest	168.81

Total\$ 1,978.01

RECEIPTS.

Lateral Sewer No. 5, District No. 1.

Balance May 1, 1912.....	\$ 61.13
Fourth installment—	
Principal	187.57
Interest	10.67
Fourth installment, reassessed	59.20
Delinquent tax, Co. Treas..	20.18
Sale of notes	125.38

Total\$ 464.13

DISBURSEMENTS.

Lateral Sewer No. 5, District No. 1.

Rebates	\$ 119.96
Notes sold	276.22
Interest	35.50

Total\$ 431.68

RECEIPTS.

Lateral Sewer No. 6, District No. 1.

Balance May 1, 1912.....	\$ 349.83
Fourth installment—	
Principal	80.61
Interest	6.51
Fourth installment, reassessed	5.10
Delinquent tax, Co. Treas...	3.16

Total\$ 445.21

DISBURSEMENTS.

Lateral Sewer No. 6, District No. 1.

Rebates	\$ 17.83
Notes sold	116.93
Interest	11.70

Total\$ 146.51

RECEIPTS.

Park Street Imp.

Fifth installment—	
Principal	\$ 133.65
Interest	6.70

Delinquent tax, Co. Treas...	604.62
Sale of notes	582.45

Total\$ 1,327.42

DISBURSEMENTS.

Park Street Imp.

Overdrawn balance May 1, 1912	\$ 461.31
Rebates	36.00
Notes sold	684.60
Interest	44.05

Total\$ 1,225.99

RECEIPTS.

Fifth Street Imp.

Balance May 1, 1912.....	\$ 234.69
Fourth installment—	
Principal	554.15
Interest	52.76
Fourth installment, reassessed	121.19
Sale of notes	402.75
Delinquent tax, Co. Treas...	59.76
Rejected tax	191.78

Total\$ 1,444.48

DISBURSEMENTS.

Fifth Street Imp.

Rebates	\$ 70.89
Notes sold	1,112.16
Interest	108.88
Refund, overpay	1.48

Total\$ 1,293.41

RECEIPTS.

Wadsworth Street Improvement.

Balance May 1, 1912.....	\$ 196.65
Fourth installment—	
Principal	131.82
Interest	12.33
Fourth installment, reassessed	66.30
Sale of notes	197.97

Total\$ 605.07

DISBURSEMENTS.

Wadsworth Street Improvement.

Rebates	\$ 16.89
Notes sold	479.57
Interest	47.96

Total\$ 544.42

RECEIPTS.

Webster Street Imp.

Balance May 1, 1912.....	\$ 855.97
Third installment—	
Principal	817.15
Interest	108.59
Third installment, reassessed	109.10
Fourth installment—	
Principal	32.53

Interest .....	.46
Fifth installment—	
Principal	17.30
Delinquent tax, Co. Treas...	9.00

Total\$ 1,950.10

DISBURSEMENTS.

Webster Street Imp.

Rebates	\$ 165.14
Notes sold	1,115.36
Interest	167.34

Total\$ 1,447.84

RECEIPTS.

East Ninth Street Imp.

Balance May 1, 1913	\$ 856.16
Third installment—	
Principal	507.05
Interest	60.48

Third installment, reassessed	137.75
Rejected tax, reassessed....	65.89

Fourth installment—	
Principal	23.80
Interest .....	.65

Fifth installment—	
Principal	23.80
Interest .....	.66
Delinquent tax, Co. Treas...	105.84

Total\$ 1,782.08

DISBURSEMENTS.

East Ninth Street Imp.

Rebates	\$ 136.92
Notes sold	1,022.97
Interest	153.45

Total\$ 1,313.34

RECEIPTS.

Wellington Street Imp. No. 1.

Balance May 1, 1912.....	\$ 95.34
Second installment—	
Principal	144.00
Interest	28.96

Second instalment, reassessed	31.82
Sale of notes	206.96

Total\$ 507.02

DISBURSEMENTS.

Wellington Street Imp. No. 1.

Notes sold	\$ 422.40
Interest	52.80

Total\$ 475.20

RECEIPTS.

Lateral Sewer No. 4, District No. 8.	
1912 city tax	\$40,130.67
1912 city tax, reassessed....	3,583.77

Total\$43,714.44

DISBURSEMENTS.

Lateral Sewer No. 4, District No. 8.

Labor	\$ 965.78
Draying and livery	41.59
Cement	23.88
Miscellaneous supplies	2.99
Sewer pipe	525.16
Manhole covers, etc.....	57.70
Brick	33.95
Expense tunneling T. C. R.	
R. road bed	7.93

Total\$ 1,658.98

RECEIPTS.

Lateral Sewer "J," District No. 4.

Delinquent tax, Co. Treas...\$	15.71
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DISBURSEMENTS.

Lateral Sewer "J," District No. 4.

Overdrawn balance May 1, 1912	\$ 43.40
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RECEIPTS.

Lateral Sewer No. 5, District No. 8.

Balance May 1, 1912	\$ 413.33
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Second installment—	
Principal	302.46
Interest	17.99

Third installment—	
Principal	15.02
Interest17

Delinquent tax, Co. Treas...	14.92
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Second installment, reassessed	82.30
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Total\$ 846.19

DISBURSEMENTS.

Lateral Sewer No. 5, District No. 8.

Rebates	\$ 86.96
Notes sold	453.20
Interest	68.02
Brick	7.50

Total\$ 615.63

DISBURSEMENTS.

Lateral Sewer No. 5, District No. 8.

Rebates	\$ 86.96
Notes sold	453.20
Interest	68.02
Brick	7.50

Total\$ 615.63

RECEIPTS.

Wharf.

Balance May 1, 1913.....	\$ 68.09
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DISBURSEMENTS.

Wharf.

Labor on river bank	\$ 7.87
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RECEIPTS.

East State Street Improvement.

Balance May 1, 1912.....	\$ 1,271.10
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Delinquent tax, Co. Treas...	426.76
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Total\$ 1,697.85

DISBURSEMENTS.

East State Street Improvement.

Transfer to contingent fund.	\$ 1,697.86
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RECEIPTS.

State and Cass Sts. Imp.

Balance May 1, 1912	\$ 53.86
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DISBURSEMENTS.

State and Cass Sts. Imp.

Transfer to contingent fund.\$ 53.86

RECEIPTS.

Front and Union Sts. Imp.

Balance May 1, 1912.....\$ 59.44

DISBURSEMENTS.

Front and Union Sts. Imp.

Transfer to contingent fund.\$ 59.44

RECEIPTS.

General City Tax.

1912 city tax, assessed July

22, 1912\$40,130.67

1912 city tax, reassessed

Dec. 1, 1912 3,583.77

Total\$43,714.44

DISBURSEMENTS.

General City Tax.

Transfers—

Printing\$ 478.68

Cemetery 478.68

Light 6,220.56

General street 478.68

Library 2,870.73

Salaries 8,230.12

Fire 8,612.63

Water 7,062.06

Police 5,741.44

General sewer 2,583.96

Bridge 956.90

Total\$43,714.44

RECEIPTS.

State, County and County Road Tax.

State tax\$13,819.92

County tax 21,651.02

County road tax 11,051.39

Rejected state tax, reassessed 78.94

Rejected county tax, reassessed 101.78

Rejected county road tax, reassessed 58.35

Total\$46,761.40

DISBURSEMENTS.

State, County and County Road Tax.

To Grand Traverse County—

1912 state tax\$13,804.83

1912 county tax 21,626.36

1912 county road tax 11,031.28

Rejected state tax, reassessed 78.94

Rejected county tax, reassessed 101.78

Rejected county road tax, reassessed 58.35

To City of Traverse City—

Over-run state tax..... 15.09

Over-run county tax..... 24.66

Over-run county road tax 20.11

Total\$46,761.40

RESOURCES.

Inventory.

City council\$ 34,585.80

Water department 166,250.09

Board of public works..... 50,542.37

Board of education 255,388.31

Board of library trustees.. 41,000.00

Total\$547,766.48

Taxes, Assessments and Items for Collection in the various departments.

Improvements\$ 8,221.41

Delinquent tax at county treasurer's office for collection 12,849.08

Cemetery lots 68.20

Eighth street private sewer connections 44.20

Water, schedule rates..... 14.00

Water, meter rates 29.26

LIABILITIES.

Bonds.

Refunding\$ 28,000.00

Water 121,667.00

School 20,000.00

Bridge 15,000.00

Street intersections 26,000.00

Electric light 150,000.00

Park 7,000.00

Total\$367,667.00

Permanent Improvement Notes.

Webster street ..\$2,231.33

Fifth street 1,065.42

Wadsworth street 479.64

Eighth St. Imp.

No. 2 1,561.46

East Ninth St.... 2,045.97

Wellington street. 633.60

Lateral sewer No.

6, Dist. No. 1.. 116.85

Lateral sewer No.

5, Dist. No. 8.. 907.15

Lateral sewer No.

5, Dist. No. 1.. 276.27

Lateral sewer No.

4, Dist. No. 8.. 1,703.73 \$11,021.42

Renewal Permanent Improvement Notes.

Eighth St Imp. No.

1\$2,010.72

Washington Street

Imp. No. 1..... 2,042.57

South Union St.

Ex. 313.96

Lateral sewer No.

5, Dist. No. 1.. 283.00

Park street..... 788.73

Eighth St. Imp.	
No. 2	789.30
Wadsworth street	197.97
Fifth street	402.75
Wellington street.	206.90
	7,618.13

Total\$18,639.55

**Credit Balances at Close of Year,
April 24, 1913.**

Contingent	\$ 2,450.05
Printing	69.65
Salaries	850.03
Interest and sinking	20,929.89
Police	770.94
Light	3,233.85
Water	14,067.31
Wharf	60.13
Electric Light and Power Dept.	6,093.81
Street intersections	1,842.96
General sewer	4,428.24
Street District No. 1.....	1,063.91
Street District No. 2.....	457.00
Street District No. 3.....	946.23
Street District No. 4.....	1,414.26
Bridge	1,662.72
Cemetery	1,067.83
Park	979.53
Wellington St. Imp.....	31.82
E. Front St. Imp.....	40.57
E. Ninth St. Imp.....	468.74
So. Union St. Ex. Imp.....	201.69
Washington St. Imp. No. 1..	412.99
E. Eighth St. Imp. No. 1....	448.68
Washington St. Imp. No. 2..	116.78
Park St. Imp.....	101.43
Eighth St. Imp. No. 2.....	415.97
Fifth St. Imp.....	151.07
Wadsworth St. Im.....	60.65
Webster St. Imp.....	502.26
Lateral Sewer No. 5, district No. 8.....	230.51
Lateral sewer No. 5, district No. 1	32.45
Lateral sewer No. 6, district No. 1	298.70
Lateral sewer No. 4, district No. 8.....	662.12
	\$66,574.77

Overdrawn Funds.

Fire department	\$ 508.45
Library	3.38
General street	1,349.28
Street district No. 5.....	264.77
Lateral sewer "J," district No. 4	27.69
	\$ 2,153.57

Cash Statement.

City depository	\$62,179.34
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Cash on hand, city treasurer 2,231.86

\$64,411.20

Inventory of property in the city
engineers office:

Tapes	\$ 4.00
1 table	2.00
1 letter file .....	.50
1 file case	30.00
3 drawing tables	40.00
1 desk	25.00
1 drawing stool	2.00
2 chairs	5.00
1 desk chair	5.00
Sectional book case.....	4.00
Card index	12.00
Triangles, T-squares, etc....	8.00
Portable lamp	3.50
Cement testing machine, scales, etc.	50.00
120" Gurney level	100.00
1 Buff transit	236.00
1 leveling rod	10.00
2 sight rods	4.50
Field books	1,000.00
Drawings on file	800.00
Records, sewers, maps water	1,500.00

Total\$ 3,841.50

The following is an inventory of of-
fice furniture, election outfits, etc.:

12 chairs @ \$5.00.....	\$ 60.00
1 magazine rack	5.00
1 wardrobe	7.00
1 screen	1.50
1 table	12.00
2 roll top desks	30.00
2 flat top desks @ \$40.00..	80.00
3 sectional cabinets	240.00
4 high desks	35.00
6 office chairs	10.00
12 chairs	48.00
3 chairs	15.00
15 chairs	45.00
15 chairs	7.50
12 desks	50.00
1 table	12.00
1 flat top office desk.....	40.00
1 adding machine	700.00
1 typewriter	90.00
1 electric fan	7.00
3 waste baskets	1.50
Miscellaneous supplies	200.00
5 voting machines (cost)...	1,750.00
Election outfits	200.00

Total\$ 3,646.50

The following organized bodies of
the city have held meetings this year
as follows:

Council	36
Board of Public Works	30

TABLE NO. ONE.

Assessed valuation of the city for the years:—

	Real	Personal.	Total
1907.			
First ward	\$1,463,930.00	\$ 748,305.00	\$2,212,235.00
Second ward	522,850.00	155,145.75	677,995.75
Third ward	719,105.00	117,809.00	836,914.00
Fourth ward	381,130.00	121,846.34	502,976.34
Fifth ward	382,435.00	10,235.00	392,670.00
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	\$3,469,450.00	\$1,152,341.09	\$4,622,791.09
1908.			
First ward	\$1,462,190.00	\$ 739,912.00	\$2,202,102.00
Second ward	531,440.00	165,360.00	696,800.00
Third ward	722,010.00	147,706.00	869,716.00
Fourth ward	392,650.00	121,075.00	513,725.00
Fifth ward	384,550.00	11,522.00	396,072.00
	<hr/>	<hr/>	<hr/>
	\$3,492,840.00	\$1,185,575.00	\$4,678,415.00
1909.			
First ward	\$1,490,505.00	\$ 739,783.00	\$2,230,288.00
Second ward	569,630.00	114,395.00	684,025.00
Third ward	733,085.00	149,037.00	882,122.00
Fourth ward	399,255.00	115,963.00	511,218.00
Fifth ward	390,985.00	11,401.00	402,386.00
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	\$3,583,460.00	\$1,130,579.00	\$4,710,039.00
1910.			
(As determined by Board of State Tax Commissioners.)			
First ward	\$2,423,700.00	\$1,116,303.20	\$3,540,003.20
Second ward	941,595.00	204,176.00	1,145,771.00
Third ward	1,240,490.00	157,823.00	1,398,313.00
Fourth ward	686,330.00	198,993.00	885,323.00
Fifth ward	801,250.00	21,898.00	823,148.00
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	\$6,093,365.00	\$1,699,193.20	\$7,792,558.20
1911.			
First ward	\$2,498,480.00	\$1,110,611.00	\$3,609,091.00
Second ward	940,690.00	183,920.00	1,124,610.00
Third ward	1,245,220.00	164,219.00	1,409,439.00
Fourth ward	684,310.00	200,610.00	884,920.00
Fifth ward	813,490.00	28,751.00	842,241.00
	<hr/>	<hr/>	<hr/>
	\$6,182,190.00	\$1,688,111.00	\$7,870,301.00
1912.			
First ward	\$2,482,605.00	\$ 977,922.00	\$3,460,527.00
Second ward	941,450.00	195,785.00	1,137,235.00
Third ward	1,231,690.00	156,665.00	1,388,355.00
Fourth ward	667,425.00	179,574.00	846,999.00
Fifth ward	791,440.00	23,527.00	814,967.00
	<hr/>	<hr/>	<hr/>
	\$6,114,610.00	\$1,533,473.00	\$7,648,083.00

TABLE NO. 3.
The following table shows amount of tax for use in the various departments for the years 1907, 1908, 1909, 1910, 1911 and 1912:
CITY TAX ASSESSED.

	1907.	1908.	1909.	1910.	1911.	1912.
School	\$ 33,626.01	\$ 38,225.53	\$ 40,714.04	\$ 37,800.45	\$ 37,873.86	\$ 41,672.40
Printing	900.00	945.00	1,500.00	1,000.00	1,000.00	500.00
Fire	6,800.00	5,119.00	16,663.00	15,563.00	9,000.00	9,000.00
Salaries	8,960.00	5,868.00	8,960.00	5,650.00	6,950.00	8,600.00
Interest and sinking	4,626.14	4,681.19	9,424.21	7,798.31	7,873.47	7,651.11
Police	4,500.00	4,913.00	4,900.00	4,752.00	6,000.00	6,000.00
Library	2,500.00	2,933.00	4,000.00	3,000.00	3,000.00	3,000.00
Light	5,800.00	6,825.00	6,300.00	6,800.00	6,000.00	6,500.00
Water	5,200.00	4,200.00			7,380.00	7,380.00
Bridge	1,500.00	1,050.00		1,432.00	2,500.00	1,000.00
Cemetery	500.00	525.00	500.00	500.00	500.00	500.00
Park	1,000.00	3,150.00	1,000.00	750.00		
General sewer					1,150.00	2,700.00
General street	8,000.00	5,400.00			253.00	500.00
Street district No. 1	2,212.71	4,404.25	2,800.00	2,700.00	3,608.82	3,460.74
Street district No. 2	2,034.89	2,091.30	2,744.10	2,656.81	3,375.01	2,274.47
Street district No. 3	1,673.93	1,739.59	2,646.61	2,291.57	2,468.22	1,388.53
Street district No. 4	1,006.00	1,027.45	2,044.88	2,099.58	1,769.84	847.61
Street district No. 5	1,179.18	1,584.29	2,013.21	2,656.59	2,528.09	1,629.94
Total	\$ 92,018.86	\$ 94,681.60	\$ 110,670.71	\$ 99,752.91	\$ 103,980.31	\$ 104,604.80

Board of Education	27
Board of Health	14
Special Assessors	4
Board of Review	13
Charter Revision Committee.....	8

We have, in this office, during this fiscal year, recorded 272 certificates of deaths, of which 136 were for deaths at the Traverse City State Hospital, and recorded 212 certificates of births.

During the same period of time we have recorded 84

and in transit, but not included in inventory 1,097.64
Credit balance in fund 6,093.81

As you are already aware the bonds for the purchase of this plant were sold to the Harris Trust and Savings Bank of Chicago and for which they paid the city \$150.00 premium and \$1,499.50 accrued interest. The premium on the bonds and the interest

Bills payable for merchandise on hand at this date

721.64

and future liquidation of the bonds.
Respectfully submitted,

T. H. GILLIS,
City Clerk.

TABLE NO. 2—Tax Rates for the Years.

1907.

1908.

1909.

1910.

1911.

1912.

	City.	State.	County.	City.	State.	County.	City.	State.	County.	County Road.	City.	State.	County.	County Road.	City.	State.	County.	County Road.	City.	State.	County.	County Road.
Ward 1	\$1.92	\$.33	\$.38	\$1.99	\$.28	\$.40	\$2.26	.39	\$.55	\$.20	\$1.21	\$.19	\$.24	\$.14	\$1.25	\$.22	\$.25	\$.13	\$1.35	\$.19	\$.30	\$.15
Ward 2	2.12	.33	.38	2.09	.28	.40	2.46	.39	.55	.20	1.33	.19	.24	.14	1.45	.22	.25	.13	1.45	.19	.30	.15
Ward 3	2.02	.33	.38	1.99	.28	.40	2.36	.39	.55	.20	1.28	.19	.24	.14	1.33	.22	.25	.13	1.35	.19	.30	.15
Ward 4	2.02	.33	.38	1.99	.28	.40	2.46	.39	.55	.20	1.43	.19	.24	.14	1.35	.22	.25	.13	1.35	.19	.30	.15
Ward 5	2.12	.33	.38	2.19	.28	.40	2.56	.39	.55	.20	1.53	.19	.24	.14	1.45	.22	.25	.13	1.45	.19	.30	.15
Average	2.04	.33	.38	2.05	.28	.40	2.42	.39	.55	.20	1.36	.19	.24	.14	1.37	.22	.25	.13	1.39	.19	.30	.15
Total yearly average on \$100 valuation	\$2.75			\$2.73			\$3.56				\$1.93				\$1.97				\$2.03			

Board of Education	27
Board of Health	14
Special Assessors	4
Board of Review	13
Charter Revision Committee.....	8

We have, in this office, during this fiscal year, recorded 272 certificates of deaths, of which 136 were for deaths at the Traverse City State Hospital, and recorded 212 certificates of births.

During the same period of time we have recorded 84 cemetery deeds and issued 132 permits for burials in the city cemetery.

In reference to the recently acquired electric light plant, permit me to give the following brief statement:

Inventory.

The inventory of the electric light and power properties purchased by the city from the Queen City Electric Light and Power company show the value of\$162,150.00

And for present inventory purposes the following additions should be made:

Material and labor put into permanent construction from March 1, 1912, to September 1st, 1912.....\$	484.42
Material and labor put into permanent construction from September 1st, 1912, to April 1st, 1913.....	2,813.55
Materials on hand April 1st, 1913	3,237.76

Total	\$168,685.73
Original purchase price	\$150,000.00
Gross receipts as itemized above	18,069.95
Gross disbursements	11,976.14
Bills receivable	721.64
Bills payable for merchandise on hand at this date	

and in transit, but not included in inventory	1,097.64
Credit balance in fund	6,093.81

As you are already aware the bonds for the purchase of this plant were sold to the Harris Trust and Savings Bank of Chicago and for which they paid the city \$150.00 premium and \$1,499.50 accrued interest. The premium on the bonds and the accrued interest, amounting to \$1,649.50, should be transferred from the public lighting fund to the interest and sinking fund, and there should also be transferred from the fund of the electric light and power department to the interest and sinking fund the sum of \$1,688.00, being the difference between the six months interest paid on the original bond issue and the accrued interest received.

Cash Statement.

Balance in electric light and power department fund at present	\$ 6,093.81
Bills receivable	721.64
Bills payable ..	\$1,097.64
Proposed transfers	1,688.00
Cash resources in excess of liabilities	4,029.81
	<hr/>
	\$6,815.45 \$ 6,815.45

In addition, permit me to say that I consider a reasonable charge should be made against the plant for depreciation, etc., and that a certain proportion of the revenue should be transferred from this fund to the interest and sinking fund for payment of interest and future liquidation of the bonds.

Respectfully submitted,

T. H. GILLIS,
City Clerk.

Fire Department

Annual Report of Chief of Fire Department.

Traverse City, Mich., April 28, 1913.
To the Honorable, the Mayor and
Common Council of the City of
Traverse City:

5454—Gentlemen—I have the honor, as chief engineer, to present to you in accordance with the law, the seventeenth annual report of the fire department, for the year ending May 1, 1913, giving in detail the number of alarms received, causes of same, losses and insurance on buildings and contents, miles traveled, hours worked, hose laid, together with other information pertaining to this office:

During the year the department responded to 92 alarms; traveled 79 miles to and from fires, laid 44,500 feet of hose, and worked 148 hours at fires, on which there was a total insurance of \$78,150.00. The total insurance paid was \$30,101.15.

Causes of Fires.

Defective chimneys	13
Spontaneous combustion	5
Sparks from machinery	2
Gasoline explosion	3
Carelessness with matches	4
Explosion of vitrol	1
Sparks from locomotive and chimneys	9
Defective heating	8
Incendiary	4
Chimney fires	35
Friction	1
Unknown	4
False alarms	3

Receipts—Fire Dept.

Transfers:	
1912 summer tax	\$7,906.55
1912 summer tax, reassessed	706.08
Refund, overpay	1.35

Total\$8,613.98

Disbursements—Fire Dept.

Overdrawn balance May 1, 1912	\$ 296.21
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Regular	5,748.80
Truck Co. No. 1	360.50
Hose Co. No. 3	141.00
Hose Co. No. 4	195.00
Hose Co. No. 5	101.50
Battery supplies	62.20
Hay, feed, etc.	690.30
Light	51.60
Telephone	43.00
Freight and cartage	8.66
Gas	21.16
Dept. expense	149.70
New equipment	624.34
Repairs equipment	121.75
Livery	2.00
Horseshoeing ..	74.40
Heating, coal, wood, etc.	215.21
Veterinary and medicine	45.75
Repairs to building, etc.	32.40
Water	12.95
Annual dues and expense state convention	125.00

Total\$9,122.43

Property on hand, May 1, 1912

Five horses	\$1,475.00
Beds, bed clothing, etc.	118.00
Harness, blankets, etc.	308.55
Two steam fire engines	8,000.00
Hose wagons, sleighs, etc. ..	3,230.00
Fire alarm system	3,970.25
4,800 feet of hose	3,000.00
Nozzles, ladders, gongs, etc..	2,000.00

Total amount of property on hand May 1, 1912\$22,101.80

Property Added.

500 ft. of hose	500.00
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Total amount of property on hand May 1, 1913\$22,601.80

In conclusion I desire to tender my sincere thanks to the various city officials, and to the members of the department for their hearty co-operation.

Respectfully submitted,

Thos. C. Murray,
Chief Fire Dept.

Superintendent of Water Works

To the Honorable Mayor and City Council, Traverse City, Mich.

5452—Gentlemen—I herewith submit my report on the operation of the city waterworks for the year ending April 30th, 1913. As a complete financial statement is included in the report of the city clerk I have not included these figures in my report. A complete inventory of the plant is covered in my report to the board of public works, which same is embodied in their report.

During the year there was laid 4,000 feet of 6-in. mains at a cost

of	\$2,991.93
4 valves	48.00
2 hydrants	56.00
97 services	1,055.36
96 meters	933.18

A new building was added, replacing the old boiler room and containing boiler room, vcrk shop, meter room, hypochloride room, oil room, coal bunkers and closet, at a total cost of\$4,358.46

A new concrete stack was also started, but not completed owing to the cold weather setting in.

A hypochloride purification plant was also constructed—complete at a total cost of...\$ 359.25

A new boiler was also installed, including setting and accessories, at a cost of\$1,322.33

The following is the pumping statement for the year:

Total gallons pumped, allowing 7% slip and error in pumps, was	720,827,000
Largest month, July	97,896,000
Smallest month, November.	41,694,000

The above total pumping for the year shows a daily per capita consumption of 163 gallons for the entire city, which was very high and could, without question, be reduced from sixty to seventy per cent by metering every service in the city.

The total operating expense for the year amounts to:

Office expenses	\$ 5,957.00
Pumping	6,187.73
Maintenance	1,693.01

Total\$ 13,837.81

Depreciation	\$ 5,391.00
Taxes	1,500.00

Total\$ 20,728.81

The total income for the year was:

Hydrant rental	\$ 7,062.06
Water receipts	19,285.31

Total\$ 26,347.37

Gain by municipal operation 5,618.56

During the past year I had a diver examine the intake and one bad leak was located and repaired. Trouble has been reported of leaves, sawdust and sand in the water since that time and would indicate that there are other leaks than that found, which is, undoubtedly true, as the pipe is very thin and should be replaced this coming year. I wish especially to draw to your attention the large per capita consumption shown above, which is three times what it should be, and would recommend that the city place meters on all the services in the city in the shortest time possible, making the use of meters compulsory, instead of optional, as at present. This would reduce the pumping at least 60%, as an investigation during the past year has proven that fully 60% of the water pumped is wasted, and is due to wilful waste by consumers and poor or leaky plumbing.

I would also draw your attention to the possibilities of utilizing electricity as a motive power at the pumping station in place of steam. This, I think, should be thoroughly investigated, as the city is now in position to supply the electricity, and might make a considerable saving, both in labor and fuel, by its application.

I would also draw your attention to the lack of a proper plan for future extensions of the city mains. The only plan I have been able to find places the source of supply at East Bay and is, of course, not at all suited to the present source of supply. I recommend that such a plan be carefully prepared and followed as at present there are a number of weak points in the distribution system with reference to fire protection, which should be corrected.

Owing to the construction of the

new building the barn which has been used more or less for storage purposes is no longer of any use, and as the piling on which it stands is rapidly decaying I would recommend that it be moved to a better foundation or disposed of.

Respectfully submitted,

D. C. Tabor,
Supt. of Water.

Board of Public Works

Traverse City, Mich., April 22nd, 1913.		2 snow scrapers	8.00
The Mayor and City Council,		2 mattocks .....	.75
Traverse City, Michigan.		1 crosscut saw	1.00
5447—Gentlemen:		4 hammers	2.00
The following is the inventory of		1 sewer rod for open sewers.	10.00
the City property in our charge:		4 trestles	3.00
Tool house and lot, Bay		1 trestle	3.00
street		6 trestles for barricades	1.80
\$ 1,200.00		1 scraper	1.50
Fire dept. bldg.		1 scraper chain	4.50
6,000.00		2 sets block and tackle....	12.00
Gravel pit, 20 acres		6 concrete tampers	6.00
2,000.00		1 vice	4.00
Third Ward building and		5 hand axes	3.00
lot		3 neck yokes	2.25
3,000.00		1 pump and pipe	6.00
Market site, including tools		5 sledges	3.75
weigh office and tool house		7 hoes	3.50
16,000.00		1 adze .....	.75
Hannah park		7 hydrant wrenches	1.75
4,000.00		4 hydrant reducers	2.00
BAY SHORE PARK SITES.		1 heavy wagon	50.00
Peninsula street		1 20th century road grader..	125.00
4,000.00		10 bbls. Tarvia	15.00
East Front street park site..		2 levels	1.50
7,000.00		2 hand screens	3.00
East Bay park		3 pails	1.80
1,500.00		2 set sidewalk finishing tools.	2.00
Second Ward parks		2 squares .....	.80
2,500.00		2 mixing platforms	4.00
Original plate city cemetery.		1 mixing box	1.00
3,500.00		1,100 ft. ¾ in. water pipe...	44.00
First addition to city ceme-		5 pipe wrenches	6.50
tery		1 brick trowel .....	.60
2,500.00		1 hose repair outfit .....	.50
Second addition to city ceme-		1 tar kettle	8.00
tery		1 tar dipper .....	.50
2,000.00		3 tar pails	1.20
Unplatted to the city ceme-		2 tar funnels .....	.80
tery		1 monkey wrench .....	.40
2,000.00		1 leveling scraper	2.00
Dumping grounds		2 slush boxes	4.00
400.00		200 ft. 1½ in. water pipe....	20.00
Second Ward building and lot		1 leveling block	1.00
2,500.00		1 heavy tamp	2.00
178 cu. yds. crushed stone ..		2 cant hooks	1.50
261.00		1 set leveling pins	1.00
1 steam power concrete		1 hand level	1.00
mixer		3 pole axes	1.50
250.00		6 stone chisels	1.50
1 hand power concrete		2 pairs brick tongs	2.50
mixer		2 pinch bars	1.50
75.00		1 tarpaulin	5.00
7 sprinklers		5 slushing scrapers	2.50
1,400.00		3 1 gallon oil cans .....	.75
1 steam roller		1 curb snow plow	10.00
2,000.00		1 pair tongs for raising walks	5.00
1 horse roller		1 farmer's handy wagon	24.00
300.00			
1 traction engine			
800.00			
1 street grader			
125.00			
1 stone crusher			
250.00			
1 truck wagon			
30.00			
1 dump wagon			
45.00			
9 snow plows			
55.00			
1 trench pump and hose....			
40.00			
60 trench jacks			
90.00			
18 sidewalk frames			
36.00			
Paving brick			
350.00			
Sewer pipe			
50.00			
2 crow bars			
2.00			
5 street cleaner carts			
25.00			
14 picks			
8.40			
21 lanterns			
10.00			
15 hoes			
4.50			
4 rakes			
1.40			
2 lawn mowers			
6.00			
500 feet hose			
150.00			
9 pavement scrapers			
5.25			
2 hand saws			
3.00			

400 ft. garden hose	28.00	7000' 8" main	5,600.00
5 doz. C. B. G. sprinklers....	8.75	9' 8" valves	180.00
1 iron garden rake .....	.75	106410' 6" main	69,166.00
1 pair grass shears .....	.60	90' 6" valves	1,350.00
3 sickles	1.05	12920' 4" main	5,914.00
10 snow shovels	9.00	8' 4" valves	80.00
2 garden spades	1.70	263' fire hydrants...	9,205.00
1 wrench	1.75	2112 services	17,952.00
2 lawn mowers	9.00	1 6" meter	300.00
3 large grave linings	4.50	8 2" meters	360.00
Buildings	20.97	6 1-1/2" meters	180.00
2 small grave linings	1.75	4 1-1/4" meters	100.00
2 sets curbs for large graves	65.52	12 1" meters	240.00
3 set small curbing	9.00	750 5/8" meters	7,875.00
8 wheelbarrows	12.00	60 meter boxes	450.00
1 snow plow	5.25	Tools and equipment	1,000.00
10 lawn seats	7.50	Pipe and specials	2,600.00
9 lawn seats broken	4.50	Hypoclorite plant	500.00
2 tarvis kettles	250.00		
6 tarvis cans	9.50	Total	\$221,100.00
1 brace and three bits	2.00	Depreciation	36,800.00
1 pair sleighs	25.00		
6 potatoe forks	9.50		\$184,300.00
1,130 ft. 9 inch tile	155.94		
124 ft. 12 in. tile	32.24	The above figures show a total of	
36 ft. 15 inch tile	12.60	27.94 miles of main in the city, in-	
16 ft. 24 inch tile	15.52	cluding hydrant connections.	
800 ft. 4 inch tile	48.00	There is 49 1/2 miles of cement side-	
2 slush scrapers	6.00	walk in the city.	
1 writing desk	15.00	The inventory of the Elec-	
3 chairs	3.00	tric Light and Power	
6 No. 2 shovels	2.00	properties, purchased by	
1 grind stone	2.50	the City from the Queen	
1 set heavy harness	30.00	City Electric Light and	
1 heavy harness	18.00	Power company, show the	
3 horses	400.00	value of	\$162,150.00
1 heating stove	18.00	And for present inventory purposes	
1 flusher	1,000.00	the following additions should be	
1 expansioner	10.00	made:	
2 pair rubber boots	7.00	Material and labor put into	
The following is an inventory of the		permanent construction	
property of the Traverse City Water		from March 1st, 1912 to	
Works, the figures having been com-		September 1st, 1912	\$ 484.42
plied by the Superintendent and are		Material and labor put in-	
intended to show a valuation at pres-		to permanent construction	
ent cost of production:		from September 1st, 1912	
Real estate	17,000.00	to April 1st, 1913	2,813.55
Intake	5,000.00	Materials on hand April	
Pumps	38,000.00	1st, 1913	3,237.76
Boilers	4,000.00		
Auxiliary machinery	2,000.00	Total	\$168,685.73
6925' 16" main	13,850.00	Respectfully submitted,	
8' 16" valves	400.00	Board of Public Works	
6480' 12' main	8,748.00	By T. H. Gillis,	
14' 12" valves	560.00	Clerk.	
7800' 10" main	8,190.00	Action of the Board of Public Works	
10' 10" valves	300.00	April 21, 1913.	

Chief of Police

To the Honorable Mayor and City Council of Traverse City, Michigan.		Drunk and disorderly	11
5451—Gentlemen—I hereby submit my report for the month of April, ending April 28th, 1913.		Vagrancy	1
		Common prostitute	2
		Running disorderly house	3
		Larceny	3
		Smoking cigarettes	2
		Assault and battery	1
		Telephone calls	224
No. of men employed, including chief	6	Respectfully,	
No. of arrests	23		
As follows:		Ben F. Carson, Chief of Police.	

Library Trustees

Traverse City, Mich., April 25, 1913.
5449—Report of the Board of Trustees.
To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan:

Gentlemen:

The Board of Trustees of the Public Library of the City of Traverse City have the honor to submit their ninth annual report. A detailed report of the Librarian and Treasurer are attached thereto.

The educational, moral and social value of our Library to this city need not be urged, as each year there is an increase in circulation and the number of new patrons. Six hundred seventy-seven more books being issued this year than last year.

The parlors have been used through the year by the Woman's club and two literary societies of the high school students meet in the Library each week during the school year.

There has been, and should be, a close relationship between the public schools and the Library and it is the aim of the Library to supplement in every possible way the work of the teacher. Every year the demand for reference material increases this making the purchase of reference books and periodicals imperative. It is also very necessary that we fill in back numbers of these magazines which should be bound each year to further this work. And it is only when these important requirements are provided for, out of the money available for books that the matter of new titles can be considered. In view of this fact we are obliged to purchase fewer new volumes each year. One hundred fund that we are badly hampered each year. A public library book is a transitory thing capable of only limited amount of services. In time such books as are most in demand get worn out or become foul from miscellaneous use so as to be unfit for further circulation.

The books which are wanted by borrowers are the ones that suffer most. As a consequence a large amount of the annual fund must be expended for replacement and some

we are obliged to duplicate for the Branch Library. Our Branch Library in Fifth ward is of great importance to the people who live on the east side of our city. Nine thousand two hundred eighty-five books being issued from the Branch this year and four thousand three hundred forty-five having visited the reading room. That the Branch Library is appreciated is evident from the patronage it receives, and if its demands are to be complied with there must be put into the budget regularly sufficient appropriations to equip and maintain at least one branch. Other cities are establishing a branch in each ward building with good returns for the money invested.

The salaries paid by our library are less than those paid by libraries in cities of corresponding size, and for a number of years there has been no financial encouragement to those employed in our library.

If the work of this library continues to grow we should compensate those doing the work accordingly. We have good efficient help in our librarian and her assistants. There are a number of books we are greatly in need of but must refrain from purchasing because we have over drawn the amount allowed us and must become borrowers until after the summer tax is collected. Last year we lost nearly two hundred dollars of the three thousand because of the taxes returned and in view of these facts presented to you we would petition that you make an allowance of four thousand dollars for the use of the library next year.

We wish to express our appreciation of the gift from friends of numerous books, the picture presented to the main library, also the gift of the Record-Eagle Co., of their files during the past year.

In conclusion the board desires to thank you for your interest in this important branch of our city government and to our people for their kindly interest in it.

Respectfully,

Board of Trustees,
MRS. JULIA S. UMLOR,
LEON F. TITUS and
LEE HORNSBY.

Librarian

5449a—

Traverse City, Mich., April 17, 1913.
To the Board of Library Trustees:

I have the pleasure of presenting to you the ninth annual report of the Traverse City Public Library for the year ending April 30th, 1913.

Circulation.

The circulation for this year was 30,968 showing an increase of 677 over last year. The month of March being the busiest month, 3,422 books were issued.

A new registry of borrower's names was started the first of October, 1911. Some of the borrower's are very negligent about signing their new cards but we now have 2,061 names on the new register, 437 being new patrons who have never drawn books before, showing a decrease of 67 less new patrons than the number of new patrons added last year.

During the year 25 visitors have drawn books under the privilege that they could deposit a dollar which was returned to them when they were ready to leave the city.

Books.

608 books were added this year showing a decrease of 111 volumes less than the number purchased last year.

The Photographic History of the Civil War, Ibsen's Dramatic Works, new edition of the Americana encyclopaedia and Henry James novels are some of the useful volumes added this year.

Many state and government publications were also received.

Reference Department.

There has also been an increase in the work of the Reference Department. To help in this department the old edition of the Americana was exchanged for the new and 72 volumes of magazines were bound to help in the reference work.

10,731 have visited the reading rooms, showing an increase of 443 over last year.

Our magazine list numbers 57 and in addition to this seven magazines are donated.

Many railway guides and steamship advertising matter of use to the traveler are on display in the read-

ing rooms and prove of interest to the patrons.

Rental Collection.

There were forty-two books in the rental collection May 1, 1912. Since then 48 books have been purchased with the money collected from the rent of the books. 52 books have been taken out of the collection and placed with the general collection of fiction. 3 books were lost during the year. 3 had to be destroyed on account of contagious diseases. 32 books remain in the collection.

Stereoscopic Travels.

The stereoscopic travels continue to prove of interest and the first of the year the views of Japan were purchased to help in the work with the schools.

Work With the Children.

This year 10,049 juvenile books were issued, being 1,399 less than last year. But 7,035 children have visited the library showing an increase of 1,053 more than last year.

The "Children's Hour" and the "Library of Work and Play" are two of the sets purchased this year for this department.

The table for the little children continues to be very popular and a number of picture books have been purchased for their pleasure.

Story Hour.

Beginning with the month of November and continuing through March every Tuesday afternoon the story-hour is held at the city library at 4 o'clock and Wednesday afternoon at the Oak Park school house. 1,583 children enjoyed the stories with an average attendance of 51.

Branch Library.

The branch library located in the Oak Park school house issued 9,285 books this year, being 710 less than last year. 4,345 visited the reading room, being 19 less than last year.

The library has 800 names on its register, 125 of them were new this year.

13 magazines are taken for the benefit of its readers. 4 magazines are donated.

16 volumes of current periodicals were bound to help in the fiction department.

Binding.

During the year 372 volumes were rebound and 75 volumes of current periodicals were bound to help in the reference department.

Gifts.

24 books, several magazines and numerous pamphlets have been presented to the library during the year. The Herald & Record Co. gave a subscription to its daily paper. Mr. T. A. Lasher presented the library with a fine steel engraving of the "Battle of Gettysburg."

Future.

The library opens the year with promise of expansion in all of its various departments.

I wish to express my appreciation to the members of the Board of Trustees for their cordial co-operation and to my assistants for their loyal support and interest in the library.

Respectfully submitted,

ALICE M. WAIT,
Librarian.

Number of books issued by departments:

	Main Library.	Oak Park Branch.
Fiction	15,905	3,214
Juvenile Fiction ..	10,049	4,271
Philosophy	92	7
Religion	144	28
Sociology	773	513
Philology	8	1
Natural Science ..	365	266
Useful Arts	222	63
Fine Arts	285	76
Literature	592	151
History	531	200
Travel	534	123
Biography	319	92
Bound magazines.	1,149	280
	30,968	9,285

Total number of books issued..40,253

Number of volumes in library by departments:

	Main Library.	Oak Park Branch.
Fiction	2,577	459
Juvenile Fiction ..	1,210	303
Philosophy	81	9
Religion	163	10
Sociology	291	32
Philology	27	6
Natural science ..	320	41
Useful arts	190	9
Fine arts	159	3
Literature	713	68
History	654	111

Travel	320	43
Biography	375	47
General works including bound magazines	947	94
Michigan documents.	286	
Michigan Pamphlets	257	
Gov't documents...	509	
Gov't pamphlets..	2,396	
Geologic atlases ..	208	
Art collections....	4	
Steroscope travels.	6	
	11,693	1,235

Total number of books in the City Library and Branch Library...12,928

Number of books added this year by departments:

	Main Library.	Oak Park Branch.
Fiction	151	26
Juvenile Fiction ..	60	49
Philosophy	5	
Religion	7	
Sociology	36	7
Philology		
Natural science ...	4	
Useful arts	26	3
Fine arts	16	1
Literature	25	3
History	37	14
Travel	18	2
Biography	13	
General works ...	88	17

Total number of books added this year608

486 122

Number of persons visiting reading rooms:

	Main Library.	Oak Park Branch.
Men	2,797	577
Women	1,926	221
Children	7,035	3,547

11,758 4,345

Total number of people in reading rooms16,103

Number of patrons enrolled on new record:

Main library	2,061
Oak Park branch	800
New patrons added during the year:	
Main library	473
Oak Park branch	125
Number of children at story-hour:	
Main library	901
Oak Park school house	682

Total number at story hour ..1,583

Health Officer

5455—Report of health officer for the fiscal year ending April 28, 1913.
 Total number of deaths 272
 Of which 136 were reported from the Traverse City State hospital, of which 85 were men and 51 women.
 Number of deaths, excluding those reported from the State hospital 136
 Number of births 212
 Number of contagious diseases in

city 78
 Subdivided as follows:
 Scarlet fever 40
 Typhoid fever 13
 Diphtheria 9
 Measles 16

 78

Respectfully submitted,

G. A. Holliday,
 Health Officer.

City Scavenger

Traverse City, Mich., April 24, 1913.
 To the Honorable Mayor and City Council. Reports for year.
 5450—Gentlemen: I present herewith my annual report for the year, from May 1, 1912, till April 26, 1913.
 Horses killed, died and buried.. 128
 Dogs killed and buried 162
 Dogs in pound and redeemed 17
 Cows died and buried 2
 Horses in pound and redeemed... 19
 Cows in pound and redeemed 15
 Pigs in pound and redeemed 7
 Chickens in pound and redeemed. 9
 Ducks in pound and redeemed .. 3
 Deer died and buried 7
 Calls made for female dogs running at large 16
 Calls made for chickens running at large 46
 Calls made for horses running at large 13
 Calls made for cows running at large 11
 Garbage removed, places about... 19
 Rubbish removed, places about... 375
 Cats died and buried 14
 Notices served on people not cleaning up 16
 Dogs sold and sent out of city... 23
 Cleaned circus grounds, times ... 2
 Carnival grounds on West Front street, times 1
 Seven-Day Advents' grounds cleaned, times 1
 Closets cleaned in city 677
 Cesspools cleaned 17
 Closets cleaned out of city limits 2
 Horses shot; had broken legs ... 3
 Horses shot where not able to get

up 9
 Horses shot on account of old age 7
 Dogs shot on account of being run over by train 5
 Dogs shot on account of being run over by automobiles 3
 Dogs shot on account of being sick 8
 Dogs chloroformed 4
 Sheep in pound and redeemed .. 17
 Horses put in pound for not being tied redeemed 3
 Pigeons disturbing people, call .. 6
 Buried horse that got killed in runaway 1
 Arrests made for burning closets. 2
 Arrest made for taking dog away from pound 1
 Arrest made for not having horse tied 1
 Closets cleaned for city 2
 Closets cleaned where sewer was put in 28
 Tied horses on Front street where they were not tied, about 20
 Calls made in different parts of city in regard to cleaning up yards and alleys, places, about. 40
 Dogs in city pound at present time 9
 Closets to clean at present time.. 14
 Rubbish to haul, different places. 7
 Calls to make on account of chickens 9
 Calls to make on account of ducks 1
 Calls to make on account of rubbish 3
 Calls to make on account of burning closet 1
 Arrest pending at present time for burying closet 1

George W. Gegner,
 Poundmaster.

City Weighmaster

Traverse City, April 21, 1913.		Tan bark .....	.03
5448—Report of loads weighed on city		Apples .....	.28
scales:		Iron .....	.68
Potatoes	\$18.75	Ice .....	.66
Hay	7.29	Rags and Coper .....	.24
Straw .....	.59	Household goods .....	.07
Coal	1.24	Chickens .....	.03
Coke	5.49	Turkeys .....	.04
Corn stocks .....	.23	Autos .....	.05
Corn .....	.44	Bones .....	.06
Oats .....	.30	Rye .....	.03
Wheat .....	.04	Salt .....	.13
Buck wheat .....	.08	Potash .....	.04
Beans .....	.12		50.66
Cattle	2.10		
Horses	1.09		\$51.11
Hogs	9.76		
Sheep	1.18		
Carrots .....	.06		

Visiting Nurse

Report of visiting nurse from Nov. 1, 1912, to April 28, 1913.

To the Honorable Mayor and the Council of Traverse City:

5456—Gentlemen — I hereby present the report of Miss Pearl Watters, visiting nurse for the past six months. Her work has consisted of relief work among the sick, instructions in preventing disease, and work along the line of household sanitation.

One visit may be from one to five hours long as in obstetrical cases or surgical work. The nurse assists the surgeon and stays until the patient is fully recovered from the anesthetic.

This report includes night as well as day calls, the nurse being on call 24 hours each day.

Cases cared for include pneumonia, typhoid fever, brain fever, operations, obstetrical and various others.

The following is a formal report of the work done. A pay case is one in which the people can pay something for service rendered.

No. of patients nursed, 137; for Grand Traverse county, 12; for Metro-

politan Life Ins. Co., 58; for B. A. C., 46; pay cases, 9; total number of visits made, 607; Grand Traverse county, 116; Metropolitan Life Ins. Co., 257; B. A. C., 197; pay cases, 34; total amount received in fees, \$189; Grand Traverse county, \$54; Metropolitan Life Ins. Co., \$121; pay cases, \$14; total amount due from all sources, \$12; Grand Traverse county, \$2.50; Metropolitan Life Ins. Co., \$7.50; pay cases, \$2; salary paid nurse by city, including April, due, \$390; amount of fees paid and due, \$211; total cost to city for 6 months, \$179; average cost to city per month, \$29.83.

Some work has been done in the schools, where there is enough work for a special school nurse. The doctors have examined 184 pupils and the nurse has made 209 school calls in addition to her visiting nurse work.

After giving you these facts and figures we respectfully ask you to recommend that a visiting nurse be employed for the coming year.

Thanking you for your co-operation.

Leah E. Knee,
Gen. Supt. B. A. C.

Board of Education

Traverse City, Mich., April 25, 1913.	\$4,742.50; supply, \$93.00;..	4,835.50
To the Board of Education, Traverse City, Mich.:	Oak Park—Regular, \$5,-	
568—Gentlemen: The following is a financial report of the city schools for the period from May 1, 1912, to April 25, 1913:	205.68; supply, \$97.00.....	5,302.68
Total	Boardman Avenue—Regular,	
Books, supplies, etc.....\$ 20,262.83	\$4,832.52; supply, \$62.25..	4,894.77
	Union Street—Regular, \$4,-	
	253.31; supply, \$1.50.....	4,254.81
	Superintendent	2,166.70
	Supervisors	3,885.43
	County Normal	1,240.00
		<hr/>

RECEIPTS.

Contingent.

Non-resident tuition	\$ 2,754.42
Interest on deposits.....	1,008.21
Delinquent tax, Co. Treas...	2,544.12
Rejected tax	210.12
Chemistry fees	103.50
Typewriting fees	40.75
Book fines	6.32
Books sold .....	.41
Botany fees	73.00
Agricultural fees	12.00
Music sold	26.56
Miscellaneous materials sold	321.09
Refund, Day School for Deaf	690.00
Refund on insurance.....	1.45
Sale of State Street school building	100.00
Refunds, overpay	52.60
Insurance on Boardman bldg.	17,000.00
Transfers—1912 tax, \$15,-	
811.58; 1912 tax, reass-	
essed, \$1,411.88.....	17,223.46
	<hr/>
	\$42,168.01

RECEIPTS.

Teachers' Salaries Fund.

Primary school	\$20,189.50
Transfers—1912 tax, \$12,-	
295.87; one-mill tax, \$6,-	
720.48	19,016.35
Transfers—1912 tax, reass-	
essed, \$1,097.95; one-mill	
tax reassessed, \$600.10 ...	1,698.05
	<hr/>
	\$40,903.90

RECEIPTS.

1912 General Tax.

1912 summer tax.....	\$36,583.96
1912 summer tax, reassessed	3,266.73
	<hr/>
	\$39,850.69

DISBURSEMENTS.

Teachers' Salaries.

High — Regular \$10,352.28;	
supply, \$48.00	\$10,400.28
Central—Regular, \$4,444.85;	
supply, \$19.00	4,463.85
Elmwood Avenue—Regular,	

DISBURSEMENTS.

Central.

Repairs to building	\$ 4,204.64
Light, \$266.42; power, \$14.00	280.42
Janitor	960.00
Tools, equipment and repairs	40.95
Telephone	24.00
Laundry	1.50
Fuel—Coal, \$1,059.49; weigh-	
ing coal, \$2.00	1,061.49
Electrical wiring, etc.....	61.33
Repairs to plumbing and	
heating	1,889.61
Janitor's supplies	28.05
Furniture	63.21
Sewer pipe	69.40
Cleaning, mopping, etc.....	24.75
Drying ashes	5.50
	<hr/>
	\$ 8,714.85

DISBURSEMENTS.

Elmwood Avenue.

Repairs to building	\$ 395.23
Light	72.82
Janitor	600.00
Tools, equipment and repairs	30.82
Insurance	188.50
Water	63.00
Telephone	24.00
Laundry	12.75
Fuel—Coal, \$536.93; kind-	
ling, \$8.00	544.92
Electrical wiring, etc.....	20.37
Grounds	1.36
Repairs to plumbing and	
heating	83.09
Janitor's supplies	31.06
Blackboards	33.70
Donation for piano	50.00
	<hr/>
	\$ 2,159.63

DISBURSEMENTS.

Oak Park.

Repairs to building	\$ 697.78
Light	247.12
Janitor	660.00

Tools, equipment and repairs	1.25
Insurance	87.00
Water	63.00
Telephone	12.00
Laundry	7.49
Fuel—Coal, \$473.96; kindling, \$7.00	480.96
Electric wiring, etc.....	129.60
Repairs to heating and plumbing	134.54
Janitor's supplies	10.33
Mopping, cleaning, etc.....	18.00

\$ 2,549.07

DISBURSEMENTS.

Boardman Avenue.

Repairs to building	\$ 529.41
Light	58.32
Janitor	640.00
Tools, equipment and repairs	.35
Insurance	171.70
Water	47.25
Telephone	18.00
Laundry	6.55
Fuel—Coal, \$429.32; kindling, \$8.00	437.32
Electrical wiring, etc.....	37.13
Repairs to plumbing and heating	570.18
Grounds	1.50
Blackboards	33.70
Janitor's supplies	6.28
Mopping, cleaning, etc.....	4.50
Appraising loss	25.00
Dismantling building	1,126.77
Liability insurance	63.30

\$ 3,777.26

DISBURSEMENTS.

Union Street.

Repairs to building	\$ 556.25
Light	80.80
Power	157.09
Janitor	660.00
Water	63.00
Telephone	24.00
Laundry	8.50
Fuel — Coal, \$611.12; kindling, \$8.00	619.12
Grounds	3.50
Electrical wiring, etc.....	174.38
Repairs to plumbing and heating	149.92
Janitor's supplies	29.62
Mopping, cleaning, etc.....	16.00
Furniture	24.00

\$ 2,566.18

DISBURSEMENTS.

Boonville.

Janitor	\$ 30.00
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DISBURSEMENTS.

Incidentals.

Freight, cartage and express..\$	210.94
Truant officer	255.00
Day school for deaf	765.00
Clerk	300.00
Superintendent's clerk	447.50
Postage, telegrams, etc.....	72.16
Library work	55.00
Books—Regular text, \$831.07; supplementary reading, \$145.82; library, \$134.31; music, \$36.69	1,147.89
General school supplies	780.71
Laboratory supplies	166.82
Kindergarten supplies	153.76
Drawing supplies	45.41
Agriculture supplies	1.25
Printing and stationery—School stationery, \$163.35; notices, \$2.25	165.60
Livery	6.75
Rent of chairs	28.25
Furniture	264.00
Subscriptions to magazines..	17.25
Boiler insurance	160.00
Tuning pianos	12.50
Livery, Boonville children..	279.00
1912 census	99.28
Commencement expense....	134.62
Expense to conventions....	91.79
Expense hiring teachers....	10.30
Expense school grounds improvement	76.63
Interest on bonds	800.00
Printing board's proceedings, notices, etc.....	147.91
Special election	19.00
Medical inspection	17.50
Supplies, physical training department	6.36
County Normal — Supplies, \$26.66; furniture, \$168.35..	195.01
Superintendent of repairs to buildings	180.11
Typewriters	80.00
Slating	31.17
Refund on tuition	15.62
Sewer tax	28.73
Insurance adjustment.....	5.50

\$ 7,274.32

DISBURSEMENTS.

Manual Training Supplies.

Repairs to machinery	\$ 27.13
Lumber, etc.	148.38
Draying	1.00
Bolts, screws, nails, etc....	91.13
Miscellaneous supplies	34.20

\$ 301.84

Comparative Statement of Disbursements for the Fiscal Year beginning May 1, 1907, and ending April 30, 1908; from May 1, 1908, to April 30, 1909; from May 1, 1909, to April 30, 1910; from May 1, 1910, to April 30, 1911; from May 1, 1911, to April 30, 1912, and from May 1, 1912, to April 25, 1913:

	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13
Supt.'s, teachers' and supervisors' salaries	\$33,042.21	\$25,662.50	\$37,195.98	\$37,845.68	\$38,477.12	\$41,444.02
Janitors	3,336.00	3,466.69	3,438.67	3,527.50	3,550.00	3,550.00
Repairs to building, plumbing, etc.	1,824.75	6,514.49	6,592.13	989.59	3,430.45	9,210.68
Electric lighting, wiring, etc.	144.92	272.68	292.91	462.27	481.99	1,718.29
Electric power	128.28	126.56	120.76	155.07	166.55	171.09
Telephones	120.00	120.00	120.00	120.00	115.00	102.00
Tools, equipment, etc.	360.10	245.72	219.36	203.72	149.59	73.27
Insurance	620.01	503.25	556.19	620.01	412.25	607.20
Fire escapes		2,333.00				
Fuel—Coal, 1907-08, \$1,254.92; 1908-09, \$1,929.85; 1909-10, \$2,270.58; 1910-11, \$2,157.45; 1911-12, \$1,918.96, Wood—1907-08, \$1,247.36; 1908-09, \$700.76; 1909-10, \$331.24; 1911-12, \$123.75; Kindling—1907-08, \$11.72; 1908-09, \$12.00; 1909-10, \$ 7.38; 1910-11, \$40.50; 1911-12, \$2.00	2,521.00	2,642.71	2,618.20	2,197.95	2,041.71	3,143.82
Fuel, purchased but resold		116.87				
Water	344.50	344.50	344.50	344.50	344.50	236.25
Laundry, etc.	10.25	29.40	23.89	33.76	33.71	36.79
Grounds	75.41	118.62	103.81	47.60	61.99	82.99
Floor oil		54.95	54.92	48.23		
Blackboards and labor incident	103.71	25.30	82.21	80.77	73.71	98.57
Janitors' supplies	170.78	25.36	52.45	305.98	341.84	105.34
Domestic science supplies		300.25	266.38			566.42
A. T. Lay domestic science equipment	52.85	509.06	614.91	90.00		
Manual training supplies		161.14	133.27	110.42		
A. T. Lay manual training equipment	255.71	1,268.53	53.14	285.27	194.42	301.84
Freight and cartage		207.53	163.41	106.35		
Livery	13.50	5.00	2.00	6.00	149.82	216.44
Truant officer	285.00	285.00	285.00	285.00	1.50	6.75
Teacher, day school for deaf	758.65	889.70	883.25	549.60	680.00	765.00
Clerk hire	300.00	300.00	300.00	300.00	300.00	300.00
Taking inventory of school property		35.00				
Superintendent's clerk	215.00	252.50	294.00	312.00	337.00	447.50
Typewriter rental	45.00	67.50	100.70	42.00	31.50	
Supplies, laboratory	337.07	278.18	345.44	331.38	187.01	166.82
Kindergarten	129.31	94.45	174.23	74.77	118.16	153.76
Biological, horticulture and agriculture		14.60		3.80		1.25
General school		14.60		928.81	946.61	780.71
Printing and stationery	453.59	337.09	121.44	81.90	251.58	313.51
New sewer, Central building	226.54	274.84			121.32	69.40
Basketball supplies and physical training department					66.85	6.35
Rejected tax, erroneous credit					1.01	
Supplies, Day School for Deaf					5.00	
Expense of hiring teachers					17.50	10.30
Livery, Booneville school					111.00	279.00
Music	12.00	100.48	3.79	58.14	33.07	36.69
Commemorative expense	113.50	84.50	125.35	114.53	109.85	134.62
Census taking, labor	77.80	76.16	71.37	72.53	87.02	99.28
Supplies	4.30	19.50	9.50	9.50	11.00	
Library expense	60.75	85.35	57.00	63.65	57.79	55.00
Postage, express, telegrams, etc.	43.01	56.36	46.21	48.47	63.80	72.16
Furniture, pianos, etc.	9.25	145.71	254.94	205.49	257.55	401.21
Expense of Supt. to convention		25.00				91.79
Interest on bonds	800.00	800.00	800.00	800.00	800.00	800.00
Notes paid		455.67	375.56			
Printing and stationery		4,000.00	1,000.00	444.79	451.80	
Interest on temporary note		6.81				
Books, regular text		51.92				
Supplementary reading	448.46	526.32	526.32	599.42	464.03	831.07
Library	196.27	149.63	55.60	76.76	54.09	145.82
Wireless telegraphy supplies	1.76	110.13	207.43	106.97	41.92	151.56
Commercial department supplies	255.74	292.90	181.33	200.87	33.42	45.41
Purchasing agent and overseer	75.25	24.05	9.75	2.00		
Engineer's services						
Taxes and tax deed						
Rent of chairs	12.71	7.50	68.84	5.75	21.25	12.50
Medical attendance, disinfecting, etc.	54.75	10.00	25.25		15.60	
Typewriters	6.00				207.39	
School of instruction, 09-10						
Totals	\$48,049.12	\$54,962.98	\$60,240.48	\$53,703.52	\$56,562.20	\$69,383.59
		4,000.00	1,000.00			
Less payment of notes						63.30
Liability insurance						71.25
Cleaning, mopping, etc.						19.00
Special election						195.01
County Normal expense						15.62
Refund on tuition						5.50
Insurance adjustment						1,126.77
Dismantling Boardman building						
Net disbursements	\$48,049.12	\$60,962.98	\$59,240.48	\$53,703.52	\$56,562.20	\$69,383.59

DISBURSEMENTS.

Domestic Science Supplies.

Groceries	\$ 181.99
Labor in kitchen	56.00
Dishes, etc.....	14.92
Gas	60.36
Milk	28.10
Meat and fish.....	3.78
Ice .....	.50
Sewing materials	33.66
Paper napkins .....	.90
Medical supplies	1.50
Repairs to domestic science	

equipment	182.20
Fruit	2.51

\$ 566.42

DISBURSEMENTS.

General School Tax.

Transfers—

Contingent	\$17,223.46
Teachers' salaries	13,393.82
One-mill, teachers' salaries..	7,320.53
Interest and sinking	1,912.83

\$39,850.69

FINANCIAL STATEMENT.

Liabilities.

Bonds outstanding	\$ 20,000.00
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Resources.

Delinquent tax at the county treasurer's office for collection	\$ 3,384.34
Depository, teachers' salaries fund.....	11,097.52
Depository, contingent fund.....	30,642.84
Depository, interest and sinking fund.....	5,556.20
Inventory	282,869.85
Resources in excess of liabilities.....	313,550.75

\$333,550.75

\$333,550.75

Respectfully submitted,

T. H. GILLIS,
Secretary.

352,0774
T69a
1913/14

Mun. Ref.

UNIVERSITY OF ILLINOIS - SPRINGFIELD

AUG 12 1915

ANNUAL REPORTS

OF THE CITY OF

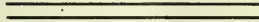
Traverse City, Michigan

1913-1914

ANNUAL REPORTS

of the

**City of Traverse City,
Michigan**



**Fraction of Fiscal Year Beginning May 1st
1913, to December 31st, 1913.**

Department of Public Affairs

JOHN G. STRAUB, Mayor

City Attorney

January, 12th, 1914

To the Commissioners,

Traverse City, Michigan.

297—Gentlemen—The following is report made to me by Geo. H. Cross, city attorney, for the fiscal year, months ending, December 31, 1913.

To the Mayor,

Traverse City, Mich.

Dear Sir: "I respectfully submit the following report of matters submitted to me, which are yet pending and are disposed of:

In the case of Joseph Forton vs. the City, brought to recover damages alleged to have been sustained by the plaintiff by inadvertently stepping off from the sidewalk at the east approach to the bridge over Boardman river on East Eighth street, a demurrer was filed on behalf of the city, and was brought on for hearing at the September term of court.

The Court sustained the demurrer but granted the plaintiff leave to amend his declaration on payment of costs.

No amended declaration has been filed, and the plaintiff has apparently abandoned his suit.

In the case of Charles Wilhelm vs. Harlin Brown, et al., brought to compel specific performance of a contract for the sale of the North east quarter of the north west quarter of section Twenty two in town Twenty six north, range ten west, the city was also made a party defendant. The city claims no title to this property and should not have been made a defendant in the case. An answer has been filed on behalf of the city, disclaiming

any interest in the property and alleging that the city was improperly joined as a defendant. This will doubtless end the case so far as the city is concerned.

In regard to the plumbing ordinance which was referred to the Mayor and city attorney, Mr. Miller who, was instrumental in bringing the matter to the attention of the commission urging the adoption of an ordinance, has consented to give his assistance in preparing an ordinance and is now drafting the same, which will be ready for presentation to the Commission in the near future.

I would also call the attention of the commission to the ordinance which the Commission had up for consideration some time ago, prohibiting the placing of manure or other refuse in the alleys, except when the same is placed in a box and properly covered, which has not been placed upon its final passage, and some disposition should be made of the same.

Dated this 29th day of December, A. D. 1913.

George H. Cross,
City attorney.

Mayor's Address

In noting the various works performed in the city during our short regime, the question of Parks occupies a prominent part. The Lake Avenue park and Hannah park are in good condition and are well cared for as a whole. The work done on the East Front street park this past season has pleased me greatly. The repairing of the one bath house and the installing of the other, making the same out of the wood shed formerly used at the

corner of Union and Tenth streets at very little expense, was a public service rendered that was appreciated as shown by the number of persons using the same during the past summer.

I would like to see a bath house installed on the city property in the west part of the city and water connections made to city property on both sides of Bay street, the lawns filled and kept properly watered. I am a firm believer in giving the people places of this kind to go to and enjoy themselves and my belief was strengthened this past season when I saw how many people took advantage of the places of recreation made for them at Hannah park and the new park site on East Front street.

I believe that the Commissioners should co-operate with the Board of Education, in as much as they have a physical director retained the year around and make a place where the children can have full sway under proper regulations.

Our fire department is one of which we can be justly proud and as soon as our finances permit hope to see a motor truck installed.

The Police department has been economically handled, and I ask that the coming year this department pay particular attention to the enforcing of laws regulative to the rules of the road, by this I mean have it seen to that drivers of all vehicles observe the ordinances and laws relative to not only speed, but of passing and turning and leaving vehicles in the street.

The library is a valuable adjunct of the city and I would like to see no effort spared in making this a real benefit to every home in the city.

I consider our streets well lighted and the commissioner in charge of this department informs me that he is now investigating the requests on file for additional street lights. I would very much like to see the boulevard system of lighting installed as soon as possible on Front and Union streets.

I believe that the condition of our streets will compare very favorably with the streets of any city in the state where roads have to be convert-

ed from sand roads to gravel. Some road oil was used here this past summer and the commissioner of public works and property informs me that it is the intention to use more oil this coming season as it proved quite satisfactory.

The showing made by our two public utilities, electric light and power department and the water works, is very gratifying to me.

I present for your consideration the matter of the keeping up the office of weighmaster. Financially it is a losing proposition and neither is it a benefit to the public in general as originally intended. It appears that a very small percentage of the produce sold in the city is weighed over the city scales; a large portion of the commodities being weighed on private scales. I noticed an article in one of the municipal journals which stated, that, "The public market of Traverse City Mich. consists of a scale house and a maple tree." It is true that the expense of keeping up the maple tree is not great, but considering the patronage of the scales I consider the expense of keeping up the weighmaster's office unwarranted and unless better support is given in the future and the market made to serve the end for which it was originally intended I shall recommend its discontinuance.

I heartily concur with the commissioner in charge in recommending a new bridge at south Union street.

I have been pleased during the past year at the efforts put forth by the department of health and also the visiting nurse and the co-operation of the people to improve the sanitary conditions of the city.

I consider the expenditures made in the various departments in the main as having been judiciously made and while we were not in a position to do all that was asked principally on account of the lack of finances, I know that each of you have conscientiously carried out the trust delivered into your hands, and I here extend to you my thanks for your hearty co-operation.

Respectfully submitted,
Jno. G. Straub,
Mayor.

Department of Finance

A. W. RICKERD, Commissioner

Clerk's Report

Traverse City, Mich., Jan. 12, 1914.
To the Mayor and Commissioners,
Traverse City, Mich.:
298—Gentlemen: Herewith I present financial statement of the city as prepared by T. H. Gillis, City Clerk, for the fiscal year of 8 months, ending Dec. 31, 1913:

CONTINGENT FUND.

Receipts.

Balance May 1, 1913.....\$	2,450.05
Interest on deposits	1,146.87
Services of visiting nurse..	201.50
Justice court fines.....	36.25
Liability insurance.....	13.75
Refund, Webster St. paving	12.75
Delinquent tax, county	
treasurer's office	1,382.33
Tax sales, county treas-	
urer's office	146.64
Rejected tax, county treas-	
urer's office	77.87
1913 summer tax fees.....	267.52
1913 penalty tax (summer	
tax reassessed)	50.93
Refund, bond expense, board	
of education	35.00
Return premium, bond of	
W. F. Calkins	22.00
Licenses—Wholesale liquor,	
\$50.00; retail liquor, \$3,-	
200.00; city's share, coun-	
ty liquor license, \$5,-	
031.67; dray and hack,	
\$377.00; moving picture,	
\$75.00; auctioneers, \$5.00;	
pool and billiard, \$40.00;	
plumbers, \$5.00; transient	
photographers, \$4.00;	
hawkers, \$36.00; shoot-	
ing gallery, \$5.00; carn-	
ival, \$90.00; refreshment	
stand, \$8.00; merry-go-	
round, \$18.00; circus,	
\$18.00; building mover,	
\$4.00	8,966.67
Transfers — Balance Cass	
St. Ex. Imp. acct., \$45.55;	

balance E. Front St. Imp.,	
\$40.57	86.12

\$ 14,896.25

CONTINGENT FUND.

Disbursements.

Express, freight and cart-	
age	\$ 16.32
Janitor	130.50
Postage	197.55
General office supplies	388.10
Telegrams	22.62
Telephone and toll.....	34.05
Laundry	3.55
Insurance	15.00
Rent of city offices.....	750.00
Building inspectors.....	2.50
Justice cases and record-	
er's court cases.....	41.85
Ambulance expense	5.91
Labor, miscellaneous in-	
spections, etc.....	22.50
Typewriting, city attorney.	
34.13	
Extra labor in office, tax	
rolls, etc.	590.57
Engineer's office supplies..	85.81
Livery	46.50
Taxes paid	33.80
Traveling expenses, etc....	290.87
Health officer, supplies,	
\$101.24; disinfecting,	
\$159.00	260.24
Supervisors' services—	
Board of health, \$85.00;	
making annual assess-	
ment rolls, \$960.00; quar-	
antine cases, \$8.50; board	
of review, \$19.00.....	1,072.50
Elections—Election, 4-7-13,	
\$26.00; city, 4-15-13,	
\$35.50; registration,	
7-3-5-13, \$125.00; school	
election, 7-14-13, \$138.50;	
general election expense,	
\$107.70	432.70
Decoration day expense....	59.36
City scavenger	1.68
Repairs to ward buildings..	413.51
Looking up titles, etc.....	1.00
Bonds of city officers.....	448.49

Bath houses	17.25	Transfer, 1913 general tax..	1,316.99
Expense auditor	337.50		
1,000 copies new charter...	110.00		\$ 4,503.66
Binding proceeding, annual reports, etc.....	123.67	CEMETERY.	
Subscription to magazines	3.00	Disbursements.	
E. Front St. Imp. Exp.....	5.00	Sexton	\$ 520.00
Refund in settlement, 1911-		Horse hire	80.00
1912 tax T. C. State Bank	825.00	General labor	735.97
Bond expense, printing, traveling expense, etc....	117.50	Repairs to equipment.....	26.53
Paving and sewer tax, school property	324.63	Water, sexton's house.....	6.75
Supplies—City attorney....	2.00	Care of lots	444.67
Supplies—Recorder's court.	2.00	Soil and ashes	375.00
Justice supplies	33.00	Sod	22.20
Supplies, milk and meat inspector	2.27	Seed	5.65
Supplies, visiting nurse....	27.95	Painting	5.10
Expense city assessor—Supplies, \$186.73; assistant, \$166.37	353.10	Drying	4.00
Erroneous assessments, etc.	403.62	Transfer—Water for sprinkling, 1913	350.00
Transfer—To general street in lieu of taxes, \$5,000.00; salaries, \$2,288.00	7,288.00	Telephone	6.00
	\$ 15,377.10		\$ 2,581.87

PRINTING.**Receipts.**

Balance May 1, 1913.....	\$ 69.65
Transfer, 1913 general tax	877.99
	\$ 947.64

PRINTING.**Disbursements.**

Council proceedings.....	\$ 102.50
Commission proceedings...	205.25
Ordinances	8.00
Notices—Election, \$29.25; sewer, \$44.00; paving, 7.50; weeds, trees, etc., \$2.25; general tax, \$14.22; water, \$1.50; board of review, \$6.00; miscellaneous notices, \$3.00	107.72
Bids	6.00
	\$ 429.47

CEMETERY.**Receipts.**

Balance May 1, 1913	\$ 1,037.83
Lots, delinquent May 1, 1906	5.00
Lots, fiscal year.....	349.74
Burials and removals.....	341.00
Care of lots.....	892.50
Single graves	56.00
Grading lots	404.85
Extra labor	69.75

Transfer, 1913 general tax..	1,316.99
	\$ 4,503.66

CEMETERY.**Disbursements.**

Sexton	\$ 520.00
Horse hire	80.00
General labor	735.97
Repairs to equipment.....	26.53
Water, sexton's house.....	6.75
Care of lots	444.67
Soil and ashes	375.00
Sod	22.20
Seed	5.65
Painting	5.10
Drying	4.00
Transfer—Water for sprinkling, 1913	350.00
Telephone	6.00
	\$ 2,581.87

POLICE.**Receipts.**

Balance May 1, 1913.....	\$ 770.94
Transfer, 1913 general tax.	4,827.97
	\$ 5,598.91

POLICE.**Disbursements.**

Regular	\$ 2,526.00
Special	50.00
Light	10.88
Telephone and toll	22.55
Department expense	7.50
Livery	26.50
Rent of offices	10.00
Police matron	60.00
Supplies, police matron....	.52
	\$ 2,873.87

LIBRARY.**Receipts.**

Book fines	\$ 47.00
City's share county recorder's court fines.....	411.30
Violation of speed ordinance (justice court)....	5.00
Transfer, 1913 general tax..	3,510.97
	\$ 3,974.27

LIBRARY.**Disbursements.**

Overdrawn balance May 1, 1913	\$ 3.38
Librarian	320.00
Assistant librarian	380.50
Librarian, Oak Park	195.00
Janitor	338.00
Janitor, Oak Park	16.00
Light	78.00
Miscellaneous supplies	81.97
Books	713.13

Fuel	203.74
Repairs heating and plumbing	35.24
Water	9.00
Magazines	113.80
Grounds	8.00
Telephone, Oak aPrk.....	2.00
Repairs, etc., Oak Park....	16.92
Furniture	29.74
Freight and cartage	2.37
Expense to Library Asso..	9.77
Material for disinfecting..	6.04
Laundry	5.00

\$ 2,567.60

FIRE DEPARTMENT.

Receipts.

Transfer, 1913 general tax..\$	7,900.44
Liability aid	6.00
	\$ 7,906.44

FIRE DEPARTMENT.

Disbursements.

Overdrawn balance May 1, 1913	\$ 508.45
Regular men	4,024.24
Truck Co. No. 1.....	219.00
Hose Co. No. 3.....	127.50
Hose Co. No. 4.....	153.50
Hose Co. No. 5.....	87.50
Employer's liability aid	6.00
Battery supplies	57.88
Hay, feed, oats, etc.....	364.14
Light	34.40
Telephone	19.00
Fuel	62.40
Freight and cartage.....	7.58
Department expense	87.45
New equipment	398.78
Repairs equipment	27.53
Horseshoeing	76.75
Veterinary and medicine	7.50
Water	9.45
Gas	10.27
Repairs to building	555.52
Expense to convention.....	85.00

\$ 6,929.84

SALARIES.

Receipts.

Balance May 1, 1913	\$ 850.00
County's share recorder's court salary	400.00
Transfers—1913 general tax, \$7,330.04; from contingent fund (office labor, \$1,508.00; visiting nurse, \$780.00), \$2,288.00.....	9,618.04
	\$ 10,868.07

SALARIES.

Disbursements.

T. H. Gillis, city clerk.....\$	1,666.64
I. M. Winnie, city treasurer	1,000.00
D. C. Tabor, city engineer..	12.50
W. A. Royce, city engineer	700.00
Geo. H. Cross, city attorney	400.00
E. L. Thirlby, city physician	100.00
O. H. Core, meat and milk inspector	200.00
Pearl S. Watters, visiting nurse	520.00
T. G. Shilson, city assesor	523.08
C. Miner, clerk's assistant..	544.00
T. Prasil, treasurer's assistant	320.00
Jno. G. Straub, mayor.....	200.00
A. W. Rickerd, commissioner	133.34
J. H. McAllister, commissioner	133.34
Jos. Sleder, commissioner..	133.34
W. F. Calkins, commissinoer	50.00
J. O. Crotser, commissioner	74.97

\$ 6,711.21

INTEREST AND SINKING.

Receipts.

Balance May 1, 1913.....\$	20,929.89
Tax sales, Co. Treas. office	11.54
Del. tax, Co. Treas. office..	155.31
Rejected tax, Co. Treas. office	12.46
1913 summer tax	8,797.78
1913 summer tax, reassessed	108.82
Transfers—Accrued interest	
E. L. P. purchase bonds, sale to delivery, \$1,499.50; interest, delivery of purchase bonds to 12-1-12, \$1,688.00; interest on purchase bonds, 12-1-12 to 12-1-13, \$6,375.00....	9,562.50
	\$ 39,578.30

INTEREST AND SINKING.

Disbursements.

Interest, street intersection bonds—bonds 1 to 7, issue June, '08.....\$	315.00
Interest, street intersection bonds—bonds 8 to 20, issue June, '08.....	585.00
Interest, street intersection bonds—bonds 1 to 6, issue June, '09.....	270.00
Interest, Elec. Lt. bonds, Nos. 1 to 150, issue June, '12	6,375.00
Interest, refunding bonds..	1,120.00
Interest, bridge bonds.....	495.00

Interest, park bonds.....	315.00	oil, waste, packing,	
Refunding bonds due Jan.		\$184.08; light and lamps,	
1, 1914	6,000.00	\$140.45	4,737.27
	<hr/>	Maintenance.	
	\$ 15,475.50	Intake, \$57.00; pumps,	
LIGHT.		\$11.65; boilers, \$242.00;	
Receipts.		aux. machinery, smoke	
Balance May 1, 1913.....\$	3,233.85	flue, etc., \$382.18; build-	
Transfer, 1913 General tax	4,827.97	ings, \$447.53; mains,	
	<hr/>	\$361.46; hydrants, \$363.73;	
	\$ 8,061.82	repairs and testing me-	
LIGHT.		ters., \$197.18; hose and	
Disbursements.		attachments, \$97.73; ex-	
City offices	\$ 26.95	tra labor, \$2.63; sprinkling	
Streets and alleys	3,489.80	valve, \$7.50; fountains,	
Second ward	3.00	\$7.08	2,177.67
Third ward hall	3.50	Construction.	
Transfer—Premium E. L. &		Mains—(Labor, \$173.07; ma-	
P. purchase bonds, \$150.00;		terial, \$1,827.92; draying,	
accrued interest, E. L. &		\$9.90; freight, \$91.25),	
P. purchase bonds, sale		\$2,102.14; meter boxes and	
to delivery, \$1,499.50....	1,649.50	covers, \$28.00; hydrants,	
	<hr/>	\$41.35; taps, \$614.35;	
	\$ 5,172.75	meters, \$579.59; tools,	
WATER.		\$2.60; stack, including re-	
Receipts.		moval of uncompleted	
Balance May 1, 1913.....\$	14,067.31	stack, \$963.05; fuel con-	
Schedule rates	8,060.88	veyor, \$245.09; purifica-	
Meter rates	4,346.27	tion plant, \$20.84; grounds,	
Taps	286.00	labor and filling, \$160.20;	
Installing meters	48.00	piling, \$201.48.....	4,958.69
Sale of scrap iron	48.36		<hr/>
Sale of barrels	15.74		\$ 15,956.19
Sale of water pipe.....	151.25	GENERAL STREET.	
Extra water, Catholic ceme-		Receipts.	
tery, etc.	35.00	Market receipts	\$ 433.60
Labor on park hydrants...	.75	Dog licenses	319.00
Transfers—1913 general tax,		Labor, etc., city horses...	647.55
\$6,891.05; water for		Sale of scale house.....	37.50
sprinkling, 1913 (ceme-		Repairs tools	1.35
tery), \$335.00; water for		Sale of horses	250.00
street sprinkling (gen-		Sale of tarvia barrels	1.00
eral street), \$350.00.....	7,576.05	Rebate, overpay .....	.45
	<hr/>	1913 cement sidewalk,	
	\$ 34,635.61	\$594.98; 1913 cement side-	
WATER.		walk reassessed, \$19.10..	614.08
Disbursements.		Del. Tax, Co. Treas.....	284.59
General Expense.		Rejected tax, Co. Treas....	39.15
Superintendent, \$12.50; sta-		Tax sales, Co. Treas.....	26.64
tionery and printing,		Del. sidewalk tax, Co. Treas.	463.87
\$43.85; insurance, \$98.86;		Transfers—Street district	
interest, \$3,626.68; re-		balances, \$3,881.40; in lieu	
bates, \$58.01; reading me-		of taxes, \$5,000.00; engi-	
ters, \$39.05; inspections,		neer and superintendent	
\$178.25; miscellaneous		W. 7th St. Imp., \$500.00..	9,381.40
supplies, \$16.36; telephone			<hr/>
and toll, \$9.00.....\$	4,082.56		\$ 21,278.10
Pumping.		GENERAL STREET.	
Engineers, \$1,120.00; fire-		Disbursements.	
men, \$1,058.00; fuel (coal,		Overdrawn balance May 1,	
\$1,325.13; wood, \$906.25),		1913	\$ 1,349.28
\$2,231.38; power, \$3.36;		Weighmaster	464.25

Supplies for weighmaster..	.60	Snow plowing	44.25
Light, city market.....	8.22	Shoveling snow	8.1
Fuel, city market	7.50	Transfers—53 barrels tarvia	
Telephone, city market....	6.75	(W. 7th St. Imp.), \$259.92;	
Lights and wiring, tool		balance St. Dist. No. 5,	
house	17.65	\$264.77; for street	
Fuel, tool house	7.25	sprinkling, \$335.00	859.69
Telephone, tool house.....	7.15		
Insurance	110.30		\$ 18,156.17
Tools, equipment and re-		GENERAL SEWER.	
pairs	1,175.11	Receipts.	
Freight, cartage	9.62	Balance May 1, 1913.....\$	4,428.24
Killing and burying dogs..	49.00	Transfer, 1913 general tax..	877.99
Repairs, weighmaster's of-			\$ 5,306.23
fice	30.90	GENERAL SEWER.	
Measuring walks	4.00	Disbursements.	
Oiling streets	141.29	Flushing sewers	\$ 43.91
Hauling and unloading hay	16.37	Sewer pipe	231.18
Storing stone, tools, etc...	24.19	Expenses consulting engi-	
Rolling for M. & N. E. R. R.	7.35	neer	145.44
City engineer	19.20	Madison St. sewer	28.74
Engineer's assistant.....	446.89	Park St. sewer	135.41
St. Com.'s salary	948.80	Laying W. State St. sewer.	21.89
Sprinkling	2,157.97	General repairing	21.41
General repair	2,477.51	Draying .....	.50
Cleaning pavement	1,809.35	Forms, etc.	65.68
Hauling dirt from pave-		Miscellaneous supplies ....	.75
ment	551.21	Tools, etc	8.50
Picking up stone	63.03	City engineer's assistant...	22.50
Rolling	10.25		\$ 725.91
Cutting weeds	228.64	BRIDGE.	
Cleaning cross walks.....	34.78	Receipts.	
Running road grader.....	138.00	Balance May 1, 1913.....\$	1,662.72
Labor in gravel pit	228.62	Refund	1.00
Repairing walks	141.54	Transfer, 1913 general tax..	877.99
Caring for market site....	294.26		\$ 2,541.71
Caring for city dump.....	212.00	BRIDGE.	
Repairing pavement	43.47	Disbursements.	
Cleaning catch basins.....	100.45	Cleaning bridges	\$ 17.61
Feed, St. Com.'s horse....	49.20	Repairing bridges	383.74
Cement Walks—Tearing up		Paint and labor, painting	
and filling, \$63.60; labor,		bridges	139.80
\$618.11; gravel, \$285.26;		Tools	4.36
cement, \$612.59; lumber,		Pipe and tees	43.02
etc., \$15.68	1,595.24	Freight and cartage.....	7.75
Filling washouts	19.97	Signs	3.75
Repairs tool house.....	93.91	Madison St. culvert	9.35
Purchase of horses.....	712.50	Park St. bridge	1,133.48
Cleaning creek	35.85		\$ 1,742.86
Feed for horses	333.03	PARK.	
Horse medicine, veterinary,		Receipts.	
etc.	5.50	Balance May 1, 1913.....\$	979.53
Caring for horses	34.00	Sale of shingles	1.87
Horseshoeing	6.00	Transfer, 1913 general tax..	1,755.48
Gutter plow	15.63		\$ 2,736.88
Grading and graveling....	137.88		
Repairing Franklin St.....	109.12		
Hauling leaves	71.25		
Cutting brush	33.57		
Street signs	21.65		
Stone and freight on same.	126.77		
Land to open, Madison St..	500.00		

PARK.**Disbursements.**

Hannah Park—Caretaker, \$363.94; fertilizer, \$1.50; lamps, wiring, etc., \$100.55; light, \$80.75; re- pairs, \$10.37; draying, \$4.25; care and feed for deer, \$8.17	\$ 569.53
East Front St. Park—Labor, \$226.34; supplies, \$14.91; draying, \$9.75; gravel, \$8.75; lumber, \$34.84.....	294.59
Park benches	70.11
Painting benches	27.96
Bath houses	25.01
Freight and cartage.....	.46
Plants, bulbs, etc.....	41.00
Piling, market site.....	276.00
Park, Cor. 10th and Union streets	1.75
West Side park	19.57
Tools, etc. ....	.75
	<u>\$ 1,326.73</u>

STREET DISTRICT NO. 1.**Receipts.**

Balance May 1, 1913.....	\$ 1,063.91
	<u>\$ 1,063.91</u>

STREET DISTRICT NO. 1.**Disbursements.**

Transfer, to balance acct..	\$ 1,063.91
	<u>\$ 1,063.91</u>

STREET DISTRICT NO. 2.**Receipts.**

Balance May 1, 1913.....	\$ 457.00
	<u>\$ 457.00</u>

STREET DISTRICT NO. 2.**Disbursements.**

Transfer to balance acct..	\$ 457.00
	<u>\$ 457.00</u>

STREET DISTRICT NO. 3.**Receipts.**

Balance May 1, 1913.....	\$ 946.23
	<u>\$ 946.23</u>

STREET DISTRICT NO. 3.**Disbursements.**

Transfer, to balance ac- count, (Gen. St.).....	\$ 946.23
	<u>\$ 946.23</u>

STREET DISTRICT NO. 4.**Receipts.**

Balance on hand May 1, 1913	\$ 1,414.26
	<u>\$ 1,414.26</u>

STREET DISTRICT NO. 4.**Disbursements.**

Transfer, to balance ac- count, (Gen. St.)	\$ 1,414.26
	<u>\$ 1,414.26</u>

STREET DISTRICT NO. 5.**Receipts.**

Transfer, to balance ac- count (Gen. St.)	\$ 264.77
	<u>\$ 264.77</u>

STREET DISTRICT NO. 5.**Disbursements.**

Overdrawn balance May 1, 1913	\$ 264.77
	<u>\$ 264.77</u>

ELECTRIC LIGHT AND POWER DEPARTMENT.**Receipts.**

Balance May 1, 1913	\$ 6,093.81
Light, power, etc.....	19,944.21
Transfer, premium pur- chase bonds	150.00
	<u>\$ 26,188.02</u>

ELECTRIC LIGHT AND POWER DEPARTMENT.**Disbursements.**

Office disbursements.....	\$ 18,056.06
Transfers—Interest, deliv- ery bonds, to 12-1-12, \$1,688.00; interest, pur- chase bonds, 12-1-12 to 12-1-13, \$6,375.00	8,063.00
	<u>\$ 26,119.06</u>

EAST. FRONT ST. IMP.**Receipts.**

Balance May 1, 1913	\$ 40.57
	<u>\$ 40.57</u>

EAST FRONT ST. IMP.**Disbursements.**

Transfer, to balance acct. (Contingent)	\$ 40.57
	<u>\$ 40.57</u>

EIGHTH ST. IMP. NO. 1.**Receipts.**

Balance May 1, 1913	\$ 448.68
Del. Tax, Co. Treas.....	63.66
Sale of notes	588.20
	<u>\$ 1,100.54</u>

EIGHTH ST. IMP. NO. 1.**Disbursements.**

Notes	\$ 1,000.00
Interest	100.54
	<u>\$ 1,100.54</u>

EIGHTH ST. IMP. NO. 2 . (Gen. St.) 259.92

Receipts.

Balance May 1, 1913.....\$	415.97
Fifth installment—Principal, \$968.94; interest, \$41.74	1,010.68
Tax sales, Co. Treas. office	112.04
Tel. tax, Co. Treas. office..	7.80
Sale of notes	541.45
	<hr/>
	\$ 2,087.94

EIGHTH ST. IMP. NO. 2.

Disbursements.

Rebates	\$ 188.46
Notes	1,814.86
Interest	90.74
	<hr/>
	\$ 2,094.00

WASHINGTON ST. IMP. NO. 1.

Receipts.

Balance May 1, 1913\$	412.99
Del. tax, Co. Treas. office..	144.96
Sale of notes	44.18
	<hr/>
	\$ 602.13

WASHINGTON ST. IMP. NO. 1.

Disbursements.

Notes	\$ 500.00
Interest	102.13
	<hr/>
	\$ 602.13

WASHINGTON ST. IMP. NO. 2.

Receipts.

Balance May 1, 1913.....\$	116.78
Del. tax, Co. Treas.....	31.20
	<hr/>
	\$ 147.98

WEST SEVENTH ST. IMP.

Receipts.

First installment—Principal, \$1,279.22; interest, \$4.98	\$ 1,284.20
Second installment—Principal, \$244.80; interest, \$.94	245.74
Third installment—Principal, \$244.80; interest, \$1.34	246.14
Fourth installment—Principal, \$244.80; interest, \$1.34	246.14
Fifth installment—Principal, \$226.80; interest, \$1.40	228.20
Sale of sand	3.00
Sale of notes	8,733.42
Rebate on tarvia.....	450.45
First installment, reassessed	47.00
Transfer, 53 barrels tarvia,	

WEST SEVENTH ST. IMP.

Disbursements.

Labor	\$ 3,211.77
Draying	6.00
Catch basins, covers, etc..	227.50
Sewer pipe, etc.....	15.70
Miscellaneous supplies....	55.07
Cement	608.90
Lumber, etc.....	42.08
Stone	1,409.20
Freight on stone	1,762.13
Tarvia	2,231.82
Freight on tarvia	203.30
Water	1.00
Storm sewer	1,420.97
Coal and wood	99.26
Oil, gasoline, etc.....	4.94
Transfer—Engineer and superintendent (Gen. St.)	500.00
	<hr/>
	\$ 11,799.64

LATERAL SEWER NO. 5, DISTRICT NO. 1.

Receipts.

Balance May 1, 1913.....\$	32.45
Fifth installment—Principal, \$168.26; interest, \$5.66	173.92
Fifth installment, reassessed	18.87
Tax sales, Co. Treas. office	22.01
Del. tax, Co. Treas. office..	3.80
Sale of notes	295.54
	<hr/>
	\$ 359.66

LATERAL SEWER NO. 5, DISTRICT NO. 1.

Disbursements.

Rebates	\$ 86.48
Notes	433.89
Interest	21.69
	<hr/>
	\$ 542.06

LATERAL SEWER NO. 6, DISTRICT NO. 1.

Receipts.

Balance May 1, 1913.....\$	298.70
Fifth installment—Principal, \$55.87; interest, \$2.45	58.32
Del. tax, Co. Treas. office..	2.64
	<hr/>
	\$ 359.66

LATERAL SEWER NO. 6, DISTRICT NO. 1.

Disbursements.

Rebates	\$ 135.74
Notes	116.85
Interest	5.85
	<hr/>
	\$ 135.74

FIFTH ST. IMP.

Receipts.

Balance May 1, 1913.....	\$ 151.07
Fifth installment—Principal, \$523.92; interest, \$24.56	548.48
Sale of notes	463.03
	<hr/>
	\$ 1,162.58

FIFTH ST. IMP.

Disbursements.

Rebates	\$ 47.13
Notes	1,065.42
Interest	53.27
	<hr/>
	\$ 1,165.82

WADSWORTH ST. IMP.

Receipts.

Balance May 1, 1913	\$ 60.65
Fifth installment—Principal, \$116.19; interest, \$5.40	121.59
Fifth installment, reassessed	17.26
Sale of notes	331.07
	<hr/>
	\$ 530.57

WADSWORTH ST. IMP.

Disbursements.

Rebates	\$ 9.69
Notes	479.64
Interest	23.98
	<hr/>
	\$ 513.31

WEBSTER ST. IMP.

Receipts.

Balance, May 1, 1913	\$ 502.26
Fourth installment—Principal, \$722.78; interest, \$64.05	786.83
Fifth installment—Principal, \$17.30; interest, \$10.	17.40
Del. tax, Co. Treas. office..	9.00
	<hr/>
	\$ 1,315.49

WEBSTER ST. IMP.

Disbursements.

Rebates	\$ 117.02
Notes	1,115.53
Interest	111.57
	<hr/>
	\$ 1,344.12

WHARF.

Receipts.

Balance May 1, 1913	\$ 60.13
	<hr/>
	\$ 60.13

STREET INTERSECTIONS.

Receipts.

Balance May 1, 1913	\$ 1,842.96
	<hr/>
	\$ 1,842.96

E. NINTH STREET IMPROVEMENT.

Receipts.

Balance May 1, 1913	\$ 468.74
Fourth installment, principal, \$532.21; interest, \$46.04	578.25
Delinquent tax county treasurer's office	19.97
Sale of notes	152.55
	<hr/>
	\$ 1,219.51

E. NINTH STREET IMPROVEMENT.

Disbursements.

Rebates	\$ 97.64
Notes	1,022.97
Interest	102.30
	<hr/>
	\$ 1,222.91

WELLINGTON STREET IMPROVEMENT.

Receipts.

Balance May 1, 1913	\$ 31.82
Third installment, principal, \$174.40; interest, \$26.15	200.55
	<hr/>
	\$ 232.37

WELLINGTON STREET IMPROVEMENT.

Disbursements.

Notes	\$ 211.20
Interest	31.68
	<hr/>
	\$ 242.88

CASS STREET EXTENSION IMP.

Receipts.

Delinquent tax county treasurer	\$ 45.55
	<hr/>
	\$ 45.55

CASS STREET EXTENSION IMP.

Disbursements.

Transfer, to balance account (contingent)	\$ 45.55
	<hr/>
	\$ 45.55

SOUTH UNION STREET EXTENSION IMPROVEMENT.

Receipts.

Balance May 1, 1913	\$ 201.69
	<hr/>
	\$ 201.69

SOUTH UNION STREET EXTENSION IMPROVEMENT.

Disbursements.

Notes	\$ 313.96
Interest	15.70
	<hr/>
	\$ 329.66

LATERAL SEWER NO. "J" DISTRICT NO. 4.			Second installment, principal, \$359.85; interest, \$36.21	396.06
Receipts.				
Delinquent tax county treasurer	\$	15.71	Second installment, reassessed	32.69
		<u>\$ 15.71</u>	Third installment, principal, \$33.45; interest, \$1.30	34.75
LATERAL SEWER "J" DIST. 4.			Delinquent tax county treasurer office	9.96
Disbursements.				
Overdrawn balance May 1, 1913	\$	27.69		
		<u>\$ 27.69</u>		<u>\$ 1,135.58</u>
LATERAL SEWER 5, DISTRICT NO. 8.			LATERAL SEWER NO. 4, DISTRICT NO. 8.	
Receipts.			Disbursements.	
Balance May 1, 1913	\$	230.51	Notes	\$ 567.65
Third installment, principal, \$284.12; interest, \$11.77		295.89	Interest	85.19
Delinquent tax county treasurer office		54.93		<u>\$ 652.84</u>
Third installment, reassessment		17.06	GENERAL CITY TAX.	
		<u>\$ 598.39</u>	Receipts.	
LATERAL SEWER 5, DISTRICT NO. 8.			1913 summer tax	\$ 49,819.04
Disbursements.			1913 summer tax, reassessed	615.73
Rebates	\$	74.78		<u>\$ 50,434.77</u>
Notes		453.20	GENERAL CITY TAX.	
Interest		45.36	Disbursements.	
		<u>\$ 573.34</u>	Transfers: printing, \$877.99; bridge, \$877.99; general sewer, \$877.99; fire, \$7,900.44; salaries, \$7,330.04; police, \$4,827.97; light, \$4,827.97; library, \$3,510.97; water, \$6,891.05; cemetery, \$1,316.99; park, \$1,755.48; general street, \$8,777.92	49,772.80
PARK STREET IMPROVEMENT.				<u>\$ 49,772.80</u>
Receipts.			Receipts.	
Balance May 1, 1913	\$	101.43	State	\$ 4,980.63
Sale of notes		104.67	County	5,362.75
		<u>\$ 206.10</u>	County road	2,465.10
PARK STREET IMPROVEMENT.				<u>\$ 12,808.48</u>
Disbursements.				
Notes	\$	196.28		
Interest		9.82		
		<u>\$ 206.10</u>		
LATERAL SEWER NO. 4, DISTRICT NO. 8.				
Receipts.				
Balance May 1, 1913	\$	662.12		

TABLE NO. ONE.

Assessed valuation of the city for the years:—

1907.			
	Real.	Personal.	Total
First ward	\$1,463,930.00	\$ 748,305.00	\$2,212,235.00
Second ward	522,850.00	155,145.75	677,995.75
Third ward	19,105.00	117,809.00	836,914.00
Fourth ward	381,130.00	121,846.34	502,976.34
Fifth ward	382,435.00	10,235.00	392,670.00
	<u>\$3,469,450.00</u>	<u>\$1,152,341.09</u>	<u>\$4,622,791.09</u>
1908.			
First ward	\$1,462,190.00	\$ 739,912.00	\$2,202,102.00
Second ward	531,440.00	165,360.00	696,800.00
Third ward	722,010.00	147,706.00	869,716.00
Fourth ward	392,650.00	121,075.00	513,725.00
Fifth ward	384,550.00	11,522.00	396,072.00
	<u>\$3,492,840.00</u>	<u>\$1,185,575.00</u>	<u>\$4,678,415.00</u>
1909.			
First ward	\$1,490,505.00	\$ 739,783.00	\$2,230,288.00
Second ward	569,630.00	114,395.00	684,025.00
Third ward	733,085.00	149,037.00	882,122.00
Fourth ward	399,255.00	115,963.00	511,218.00
Fifth ward	390,985.00	11,401.00	402,386.00
	<u>\$3,583,460.00</u>	<u>\$1,130,579.00</u>	<u>\$4,710,039.00</u>
1910.			
(As determined by Board of State Tax Commissioners.)			
First ward	\$2,423,700.00	\$1,116,303.20	\$3,540,003.20
Second ward	941,595.00	204,176.00	1,145,771.00
Third ward	1,240,490.00	157,823.00	1,398,313.00
Fourth ward	686,330.00	198,993.00	885,323.00
Fifth ward	801,250.00	21,898.00	823,148.00
	<u>\$6,093,365.00</u>	<u>\$1,699,193.20</u>	<u>\$7,792,558.20</u>
1911.			
First ward	\$2,498,480.00	\$1,110,611.00	\$3,609,091.00
Second ward	940,696.00	183,920.00	1,124,610.00
Third ward	1,245,220.00	164,219.00	1,409,439.00
Fourth ward	684,310.00	200,610.00	884,920.00
Fifth ward	813,490.00	28,751.00	842,241.00
	<u>\$6,182,190.00</u>	<u>\$1,688,111.00</u>	<u>\$7,870,301.00</u>
1912.			
First ward	\$2,482,605.00	\$ 977,922.00	\$3,460,527.00
Second ward	941,450.00	195,785.00	1,137,235.00
Third ward	1,231,690.00	156,665.00	1,388,355.00
Fourth ward	667,425.00	179,574.00	846,999.00
Fifth ward	791,440.00	23,527.00	814,967.00
	<u>\$6,114,610.00</u>	<u>\$1,533,473.00</u>	<u>\$7,648,083.00</u>
1913.			
First ward	\$2,485,895.00	\$1,013,542.00	\$3,499,437.00
Second ward	916,655.00	196,127.00	1,112,782.00
Third ward	1,233,540.00	186,840.00	1,420,380.00
Fourth ward	672,395.00	177,558.00	849,953.00
Fifth ward	770,368.00	15,656.00	786,024.00
	<u>\$6,078,853.00</u>	<u>\$1,589,723.00</u>	<u>\$7,668,576.00</u>

he years 1907, 1908, 1909,

	1912.	1913.
36	\$ 41,672.40	\$ 44,000.00
30	500.00	1,000.00
30	9,000.00	9,000.00
30	8,600.00	8,350.00
17	7,651.11	10,000.00
0	6,000.00	5,500.00
0	3,000.00	4,000.00
0	6,500.00	5,500.00
0	7,380.00	7,850.00
0	1,000.00	1,000.00
0	500.00	1,500.00
0		2,000.00
0	2,700.00	1,000.00
0	500.00	
0	3,460.74	
0	2,274.47	
0	1,388.53	
0	847.61	
0	1,629.94	
	\$104,604.80	\$110,700.00

1907

1913.

	City.	State.	City.	State.	County.	County Road.
Ward 1.....	\$1.92	\$.33	\$1.55	\$.31	\$.33	\$.15
Ward 2.....	2.12	.33	1.55	.31	.33	.15
Ward 3.....	2.02	.33	1.55	.31	.33	.15
Ward 4.....	2.02	.33	1.55	.31	.33	.15
Ward 5.....	2.12	.33	1.55	.31	.33	.15
Average	2.04	.33	1.55	.31	.33	.15
Total yearly ave. on \$100 valuation	\$2.75		\$2.34			

The following table shows

1910, 1911, 1912 and 1913:

CITY TAX ASSESSED.

School	\$
Printing	
Fire	
Salaries	
Interest and sinking	
Police	
Library	
Light	
Water	
Bridge	
Cemetery	
Park	
General sewer	
General street	
Street district No. 1.....	
Street district No. 2.....	
Street district No. 3.....	
Street district No. 4.....	
Street district No. 5.....	

Total\$

TABLE NO. 2—Tax Rates for the Years.

	1907			1908.			1909.				1910.				1911.			1912.				1913.				
	City.	State.	County.	City.	State.	County.	City.	State.	County.	County Road.	City.	State.	County.	County Road.	City.	State.	County.	County Road.	City.	State.	County.	County Road.	City.	State.	County.	County Road.
Ward 1.....	\$1.92	\$.33	\$.38	\$1.99	\$.28	\$.40	\$2.26	\$.39	\$.55	\$.20	\$1.21	\$.19	\$.24	\$.14	\$1.25	\$.22	\$.25	\$.13	\$1.35	\$.19	\$.30	\$.15	\$1.55	\$.31	\$.33	\$.15
Ward 2.....	2.12	.33	.38	2.09	.28	.40	2.46	.39	.55	.20	1.33	.19	.24	.14	1.45	.22	.25	.13	1.45	.19	.30	.15	1.55	.31	.33	.15
Ward 3.....	2.02	.33	.38	1.99	.28	.40	2.36	.39	.55	.20	1.28	.19	.24	.14	1.33	.22	.25	.13	1.35	.19	.30	.15	1.55	.31	.33	.15
Ward 4.....	2.02	.33	.38	1.99	.28	.40	2.46	.39	.55	.20	1.43	.19	.24	.14	1.35	.22	.25	.13	1.35	.19	.30	.15	1.55	.31	.33	.15
Ward 5.....	2.12	.33	.38	2.19	.28	.40	2.56	.39	.55	.20	1.53	.19	.24	.14	1.45	.22	.25	.13	1.45	.19	.30	.15	1.55	.31	.33	.15
Average	2.04	.33	.38	2.05	.28	.40	2.42	.39	.55	.20	1.36	.19	.24	.14	1.37	.22	.25	.13	1.39	.19	.30	.15	1.55	.31	.33	.15
Total yearly ave. on \$100 valuation	\$2.75			\$2.73			\$3.56				\$1.93				\$1.97				\$2.03				\$2.34			

TABLE NO. 3.

The following table shows amount of tax for use in the various departments for the years 1907, 1908, 1909, 1910, 1911, 1912 and 1913:

CITY TAX ASSESSED.	1907.	1908.	1909.	1910.	1911.	1912.	1913.
School	\$ 33,626.01	\$ 38,225.53	\$ 40,714.04	\$ 37,800.45	\$ 37,873.86	\$ 41,672.40	\$ 44,000.00
Printing	900.00	945.00	1,500.00	1,000.00	1,000.00	500.00	1,000.00
Fire	6,800	5,119.00	16,663.00	15,563.00	9,000.00	9,000.00	9,000.00
Salaries	8,960.00	5,868.00	8,960.00	5,650.00	6,950.00	8,600.00	8,350.00
Interest and sinking	4,626.14	4,681.19	9,424.21	7,798.31	7,873.47	7,651.11	10,000.00
Police	4,500.00	4,913.00	4,900.00	4,752.00	6,000.00	6,000.00	5,500.00
Library	2,500.00	2,933.00	4,000.00	3,000.00	3,000.00	3,000.00	4,000.00
Light	5,800.00	6,825.00	6,300.00	6,800.00	6,000.00	6,500.00	5,500.00
Water	5,200.00	4,200.00			7,380.00	7,380.00	7,850.00
Bridge	1,500.00	1,050.00	500.00	1,432.00	2,500.00	1,000.00	1,000.00
Cemetery	500.00	525.00		500.00	500.00	500.00	1,500.00
Park	1,000.00	3,150.00	1,000.00	750.00	750.00	2,700.00	2,000.00
General sewer					1,150.00	500.00	1,000.00
General street	8,000.00	5,400.00	2,800.00	2,700.00	253.00	500.00	10,000.00
Street district No. 1	2,212.71	4,404.25	4,460.66	2,656.81	3,608.82	3,460.74	
Street district No. 2	2,034.89	2,091.30	2,744.10	2,291.57	3,375.01	2,274.47	
Street district No. 3	1,673.93	1,739.59	2,646.61	2,099.58	2,468.22	1,388.53	
Street district No. 4	1,006.00	1,027.45	2,044.88	2,656.59	1,769.84	847.61	
Street district No. 5	1,179.18	1,584.29	2,013.21	3,292.60	2,528.09	1,629.94	
Total	\$ 92,018.86	\$ 93,681.60	\$ 110,670.71	\$ 99,752.91	\$ 103,980.31	\$ 104,604.80	\$ 110,700.00

RESOURCES.		No. 1		420.92
Inventory.		Park St. Improvement.....		687.12
Water works	\$184,300.00	Washington St. Imp. No. 2..		789.30
Library	41,000.00	Fifth St. Imp		865.78
Parks	19,000.00	Wadsworth St. Imp.....		73.04
Cemetery	10,000.00	Wellington St. Imp.....		706.90
Ward buildings	5,500.00	Eighth St. Imp. No. 2.....		880.34
Fire Dept. building.....	6,000.00	East Ninth St. Imp.....		152.55
Market site and contents...	16,000.00			
Other real estate	3,600.00			
Electric light and power....	168,685.73			
Street machinery, horses, etc.	9,069.84			
Fire apparatus	22,601.80			
Office furniture and fixtures	7,488.00			
	\$493,245.37			
Taxes, Assessments and Items for Col- lection in the Various Departments.		Credit Balances at Close of Year, Dec. 31, 1913.		\$ 7,177.62
Improvements	\$ 10,677.30	General city tax		\$ 661.97
Delinquent tax at county treasurer's office for col- lection	10,467.03	Printing		518.17
Cemetery lots	63.50	Fire		976.60
Eighth street private sewer connections	44.20	Salaries		4,156.86
Water, schedule rates.....	1.50	Interest and sinking		24,103.30
Water, meter rates	15.24	Police		2,725.04
State, county, city and re- jected in hands of city treasurer for collection, exclusive of school tax...	57,830.94	Library		1,466.67
	\$ 79,099.71	Light		2,889.07
LIABILITIES.		Water		18,679.42
Bonds.		Wharf		60.13
Refunding	\$ 22,000.00	Elec. Light and Power		68.96
Water	121,667.00	Street intersections		1,842.96
School	20,000.00	State tax		4,980.63
Bridge	15,000.00	County tax		5,362.75
Street intersections	26,000.00	County road tax		2,465.10
Electric light	150,000.00	General sewer		4,580.32
Park	7,000.00	General street		3,121.93
	\$361,667.00	Bridge		798.85
Permanent Improvement Notes		Cemetery		1,921.79
Webster St. Improvements.\$	1,115.80	Park		1,410.15
Lateral sewer No. 5, Dist. No. 8	453.95	Washington St. Imp. No. 2		147.98
Lateral sewer No. 4, Dist. No. 8	1,136.05	Wadsworth St. Imp.....		17.26
East Ninth St. Imp.....	1,023.00	Lateral sewer No. 5, Dist. No. 1		4.53
Wellington St. Improvement	422.40	Lateral sewer No. 6, Dist. No. 1		223.92
West Seventh St. Imp	8,733.42	Lateral sewer No. 5, Dist. No. 8		25.05
	\$ 12,884.65	Lateral sewer No. 4, Dist. No. 8		482.74
Renewed Temporary Improvement Notes.				\$ 83,632.15
Eighth St. Imp. No. 1.....	\$ 1,598.92	Overdrawn Funds.		
Washington St. Imp. No. 1..	1,586.75	Contingent		\$ 480.85
Lateral sewer No. 5, Dist.		So. Union St. Ex. Imp.....		127.97
		Lateral sewer "J," Dist. No. 4		11.98
		Eighth St. Imp. No. 2.....		6.06
		Fifth St. Imp.....		3.24
		Webster St. Imp.....		28.63
		East Ninth St. Imp.....		3.40
		Wellington St. Imp.....		10.51
		West Seventh St. Imp.....		55.43
				\$ 728.07
Cash Statement.				
		City depository		\$ 69,250.96
		City cash on hand.....		574.64
		Balance in Warrant No. 318 for interest		270.00

State and county depos- itory	11,063.56
State and county cash on hand	1,744.92
	<hr/>
	\$ 82,904.08

The following is an inventory of of- fice furniture, election outfits, etc.:	
12 chairs @ \$5.00	\$ 60.00
1 magazine rack	5.00
1 wardrobe	7.00
1 screen	1.50
1 table	12.00
2 roll top desks	30.00
2 flat top desks @ \$40.00..	80.00
3 sectional cabinets	275.00
4 high desks	35.00
6 office chairs	10.00
12 chairs	48.00
3 chairs	15.00
15 chairs	45.00
15 chairs	7.50
12 desks	50.00
1 table	12.00
1 flat top office desk.....	40.00
1 adding machine	700.00
2 typewriters	130.00
1 electric fan	7.00
3 wastebaskets	1.50
Miscellaneous supplies	200.00
5 voting machines (cost)..	1,750.00
Election outfits	200.00
Vault equipment	100.00
Water cooler	7.00
1 book case	20.00
	<hr/>
	\$ 3,848.50

Respectfully submitted,
A. W. Rickerd,
Commissioner of Finance.

Treasurer's Report

296—Balances, City Treasurer's Office
December 31st, 1913.

	Cr.
Street intersections	\$ 1,842.96

Wharf	60.13
Wash. St. No. 2.....	147.98
Lat. 5, Dist. 8, sewer.....	25.05
Wadsworth street	17.26
Lat. 4, Dist. 8, sewer	482.74
Lat 6, Dist. 1, sewer.....	223.92
State tax	4,980.63
County tax	5,362.75
County road tax	2,465.10
Water	18,679.42
Light and power	68.96
General sewer	4,580.32
Salaries	4,156.86
Police	2,725.04
Cemetery	1,921.79
Lat. 5, Dist. 1, sewer.....	4.53
General city tax.....	661.97
Interest and sinking	24,103.30
Library	1,406.67
General street	3,121.93
Park	1,410.15
Bridge	798.85
Light	2,889.07
Printing	518.17
Fire	976.60

\$ 83,632.15

Dr.

Lat. J, Dist. 4, sewer	\$ 11.98
Wellington street	10.51
South Union street	127.97
Fifth street	3.24
West Seventh street	55.43
Eighth street No. 2.....	6.06
East Ninth street	3.40
Webster street	28.63
Contingent	480.85
Checks not disbursed	270.00
Cash and People's Savings Bank	82,634.08

\$ 83,632.15

I. M. Winnie, City Treasurer.

Department of Public Works and Property

JOS. SLEDER, Commissioner

Weighmaster's Report

January 12, 1914.

To the Mayor and Commissioners,
Traverse City, Michigan.

301—Gentlement:—Attached hereto is a report of the Weighmaster as made to me by H. A. Jobbett, for the fiscal year ending December 31, 1913.

Respectfully submitted,

Joseph Sleder,

Commissioner of Public Works and
Property.

Report of City Weighmaster from
May 1, 1913, to Jan. 1, 1914.

Number load; potatoes, 2,224; corn, 46; oats, 43; rye, 5; wheat, 4; buckwheat, 4; beans, 8; salt, 14; apples, 67; carrots, 5; cabbage, 6; hay, 344; straw, 19; corn stalks, 4; family, 1; poultry, 7; coke, 376; coal, 79; iron, 49; ice, 60; tan bark, 4; stone, 34; glass, 2; tallow, 3; lime rock, 1; soil, 1; wire 2; rags, 3; paper, 8; rubber, 2; autos, 11; wool, 1; H. H. goods, 2; dry bones, 17; peach pits, 1.

Number head weighed—horses, 265; cattle, 161; hogs, 409, sheep, 86.

H. A. Jobbett,

Weighmaster.

Engineer's Report

January 12, 1914.

To the Mayor and Commissioners,
Traverse City, Michigan.

302—Gentlemen:—Herewith is presented a summary of the work in this department as reported to me by the City Engineer, W. A. Royce.

It will be seen that a saving has been made in the paving of West Seventh street over the estimated cost and I recommend that a refund be made to the property owners accordingly.

I also suggest that cement curb and gutter be constructed, as fast as possible, on streets that are not soon

liable to be paved. All wooden bridges in the city should be repaired and on South Union street a new cement bridge should be constructed this year.

I would recommend that a stone and gravel crusher, together with proper screen, be purchased as soon as possible.

Attached hereto is an inventory of the property in charge of this department and of the property in the city engineer's office.

Respectfully submitted,

Joseph Sleder,

Commissioner of Public Works and
Property.

December 29, 1913 ..

To Joseph Sleder, Commissioner,
City of Traverse City, Michigan.

Dear Sir:—I submit herewith my annual report of the work performed in this department and a statement as to the condition of culverts and bridges.

Seventh street was paved with a tarvia treated macadam from the west line of Union street to the east line of Division, a distance of 2,742 feet. This makes a total for the entire city of

18,593 lineal feet of brick pavement,
5,838 lineal feet of bitulithic pavement.

10,596 lineal feet of tarvia macadam pavement.

35,027 total or about 6.6 miles of paved streets.

A storm water sewer was constructed in Seventh street, as follows, 12 inch from the center line of Wadsworth street to the center line of Maple street, thence west to the Asylum creek with 15 inch pipe making a total of 1,988 feet. Manholes were built at each paved intersection and provision made to care for the drainage of Sixth and Eighth streets.

The estimated cost of the West

Seventh street improvement was \$1.80 per foot of frontage. The actual cost was \$1.75 per foot, therefore I recommend a rebate of \$.04 per foot to the assessed property holders.

2,798 lineal feet of sidewalk, 4 six foot alley intersections, 1 eight foot crosswalk and 7 six foot crosswalks were laid. The average cost of sidewalks laid including excavating, filling etc., was \$.72 per square yard.

The steel bridges on North Union and Park streets were scraped and painted. These bridges were in poor shape, the lower members being badly rusted. The end posts were strengthened somewhat by bolting pieces of channel iron on two sides of each. These bridges were designed for light traffic and show signs of overloading and to avoid complete failure of the weak members heavy vehicles should cross at a rate not exceeding five miles per hour. South Union street bridge is in poor shape in many respects and if plans for a new bridge are not accepted it will have to at least be replanked at an early date. A concrete retaining wall was built around the south approach to Park street bridge and provided with a 2 inch pipe railing. The two sanitary sewers that emptied into the river at this point

were taken up and relaid from the north line of Front street to the city dock line. In the spring when Park street is graded and a curb and gutter laid from Front street to the bridge no further trouble need be anticipated due to the drainage of this place.

A report of the culverts over the Asylum creek was made last July. Nothing of importance can be added to that except that the retaining walls for the culvert on Front street west of Division are in very bad shape and should be repaired early in the spring. The plank revetment along the east side of Wadsworth street is undermined and in very poor shape. This is where the river makes a sharp turn and will wash out the filling and in time cause the walks and pavements to settle.

In conformity with the requirements of the state board of health, detailed plans and drawings of the city water works system were sent and the same for the sewer system will be ready to send in due time. This meant practically a resurvey of the entire sewer system throughout the city to obtain the necessary data.

Respectfully yours,

Wm. A. Royce.

Department of Public Health and Welfare

JOS. O. CROTSEY, Commissioner

Health Officer

Traverse City, Mich., Jan. 12, 1914.
To the Mayor and Commissioners,
Traverse City, Mich.

303—Gentlemen: I attach hereto report made to me by E. L. Thirlby, City physician, covering the period of May 1 1913 to Dec. 31, 1913:

J. O. Crotser, Commissioner, City of Traverse City.

Sir:—"The past year has been a good one, as far as health conditions are concerned, for this city. The efforts which have been made to improve the sanitary and hygienic conditions have been attended with such good results that they only serve as lessons to us how much can be accomplished by more extensive measures. No disease has ever been traceable to city water, but as a safeguard during the month of June the sodium hypochlorite apparatus was put into successful operation at the water works and since that time we have rested assured that no disease was being contracted in our city from impure city water.

Much remains to be done from a sanitary stand point and I am glad to say the measures now being adopted by the commission for the disposal of sewage cannot be other than very beneficial to the welfare of the inhabitants of Traverse City.

During the past eight months we have had three mild experiences, viz: German measles, typhoid fever and epidemic tonsilitis. The first started in May and before we were hardly aware of it was going full blast but by hunting out the homes where they had had it, or were having it and insulating the children in these homes, we were able to speedily check the spread of this mild contagion.

During June an epidemic of typhoid fever started and efforts were made to find the source of the disease, which however, was not attended with abso-

lute success. However the people were informed as to probable sources and advised as to how to prevent the disease, and the efforts were followed by such good results that the epidemic was aborted.

During November many of the school children were stricken with tonsilitis and in some few cases, diphtheria and here also, by having the teachers inquire closely as to what absent children were staying out of school for, and looking thoroughly into each suspected case the epidemic was aborted in about two weeks time.

Our School rooms are the main factors in the spread of contagious diseases and some measures should be devised for having the pupils inspected at stated intervals or whenever the school authorities deem it necessary.

The following is a summary of the number of cases of contagions of infectious diseases reported to the health officer since the middle of May, 1913.

	cases	deaths
Typhoid fever	29	2
Diphtheria	12	0
Measles	4	0
Tuberculosis of lungs	2	1
Pneumonia	2	0
Chicken Pox	2	0

Very respectfully,

Edwin L. Thirlby, Health Officer.

The Board of Health of the city have held 8 meetings during the past eight months.

A number of complaints have been made to this department relative to conditions of outside toilets. The city has been thoroughly inspected and it was found that there are 394 outside toilets that are located in parts of the city where sewers are not available, a large percentage of these will have to be cleaned as soon as weather permits. There are in addition to these 450 properties having outside toilets in use where sewers are available. This con-

dition should not be permitted; the city has gone to a large expense to construct these sewers and the owners of property adjacent have been to considerable expense as well, and I consider that where a sewer is available the property should be connected therewith. I ask that an ordinance be passed compelling all properties to connect with sewers where sewers are available, or at least condemn the use of outside toilets on these properties and declare the same to be public nuisance and the law lived up to the letter in the handling of same.

I have noticed considerable improvement in the care of alleys during the past season but there is still a chance for work along this line.

In the past eight months there have been 124 births in the city. There have been 95 deaths at the State hospital and 79 deaths in the city, ages as follows:

Still born.....	8
1 day to 1 year.....	3
1 year to 15 years.....	2
15 years to 30 years.....	3
30 years to 50 years.....	29
50 years to 80 years.....	10
Over 80 years.....	14
	<hr/> 79

I have noticed quotations in the past, apparently taken from the records of deaths in our city, which have made the death rate appear quite high; this is due entirely to the fact that there has not been eliminated therefrom the deaths at the State hospital; then too, there have been two or three deaths in the city where the patient was brought from out of town and should not be shown in the death rate of this city. I believe few cities in the state will show better health conditions than our own.

In regard to further improving health conditions in this city, I again call your attention to the matter of a sewage disposal plant. While the currents of the bay are from the west to the east and while we have no sewage emptying into the bay on the west of the mouth of the water intake, I can but feel that the water in our bay must be more or less contaminated and I urge the immediate consideration of means of preventing the sewage of this city from being delivered into

the same body of water from which we take our water supply.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

Water Works

Traverse City, Mich., Jan. 12, 1914.

To the Mayor and Commissioners,
Traverse City, Mich.:

304—Gentlemen: I submit herewith report as given me by T. H. Gillis, city clerk, of the operations of the city water works for the fiscal year, 8 months, ending December 31st, 1913:

During the period covered by this report water mains have been laid in the city as follows:

	Feet.
Six inch main on Bay street between N. Division street and Randolph street	808
Four inch main on Third street between N. Oak street and Maple street	592
Four inch main on S. Cedar street between Sixth street and Seventh street	443
Six inch main on Lake avenue from Eleventh street one block south	291
Four inch main on Bates street from East Eighth street to Boyd avenue	560
Four inch main in cemetery.....	530

Total number of feet of main laid 3,296

The following fittings were used in laying these mains: Four 4 inch valves, three 6 inch valves, three hydrants, two 6x6 T connections, three 4x4 T connections.

Pumping, May 1, 1913, to December 31st, 1913.

	Ave. Per Day for Month.
Gallons.	Gallons.
May 61,260,000	1,976,000
June 101,920,000	3,397,333
July 108,112,000	3,487,484
August .. 101,846,000	3,285,000
Sept. 78,590,000	2,619,000
Oct. 53,320,000	1,720,000
Nov. 49,224,000	1,640,000
Dec. 53,608,000	1,729,000
Total .. 607,880,000	19,853,817

Allowing 5 per cent for slippage of pumps, there has been pumped during the period 577,486,000 gallons, or an

average of 2,357,640 gallons per day. This shows an increase over the amount of water pumped last year, due to increase in business and dry season. In this connection permit me to say that I consider there is a great deal of water wasted, not only in the summer time by allowing sprinklers to run promiscuously, but also during the colder months by allowing water to run to keep same from freezing, faulty plumbing being the cause, and strenuous action should be taken to correct these leakages.

The completion of the reinforced concrete stack and the installation of the smoke flue to same, will obviate any worry in this direction for some time to come.

The barn in connection with the water works has been newly painted this season and the piling under same has been repaired. The coal shed was

being undermined by the water and piling was driven to protect this and by the use of brush and refuse in filling this space, valuable land has been added to the property. At the close of the summer season the premises at the water works were cleaned and considerable filling done so that no doubt the coming season this property will present a much better appearance than in the past.

The question of metering all water pumped will be taken up with you at greater length in the near future.

The financial statement presented herewith shows a condition in this department of which the city can justly feel proud.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

WATER DEPARTMENT, CITY OF TRAVERSE CITY, MICHIGAN. RECEIPTS.

Balance May 1, 1913	\$ 14,067.31
Schedule rates	8,060.88
Meter rates	4,346.27
Taps	286.00
Installing meters	48.00
Sale of scrap iron	48.36
Sale of barrels	15.74
Sale of water pipe	151.25
Extra water, Catholic cemetery, etc.....	35.00
Labor on Park hydrants .....	.75
Transfers: 1913 general tax, \$6,891.05; water for sprinkling, (Cem.) \$335.00; water for sprinkling (Gen. St.), \$350.00.....	7,576.05
	<hr/>
	\$ 34,635.61

DISBURSEMENTS.

General Expense.

Superintendent	\$ 12.50
Stationery and printing	43.85
Insurance	98.86
Interest	3,626.68
Rebates	58.01
Reading meters	39.05
Inspections	178.25
Miscellaneous supplies	16.36
Telephone and toll	9.00
	<hr/>
	\$ 4,082.56

Pumping.

Engineers	\$ 1,120.00
Firemen	1,058.00
Fuel—Coal, \$1,325.13; wood, \$906.25	2,231.38
Power	3.36
Oil, waste, packing	184.08
Light and lamps	140.45
	<hr/>
	\$ 4,737.27

Maintenance.

Intake	\$ 57.00	
Pumps	11.65	
Boilers	242.00	
Auxiliary machinery, smoke flue.....	382.18	
Buildings	447.53	
Mains	361.46	
Hydrants	363.73	
Repairs and testing meters	197.18	
Hose and attachments	97.73	
Extra labor	2.63	
Sprinkling valve	7.50	
Fountains	7.08	\$ 2,177.67

Construction.

Mains—Labor, \$173.07; material, \$1,827.92; draying, \$9.90; freight, \$91.25	\$ 2,102.14	
Meter boxes and covers	28.00	
Hydrants	41.35	
Taps	614.35	
Meters	579.59	
Tools	2.60	
Stack, including removal of uncompleted stack....	963.05	
Fuel conveyor	245.09	
Purification plant	20.84	
Grounds, labor and filling	160.20	
Piling	201.48	\$ 4,958.69
General expense		4,082.56
Pumping		4,737.27
Total		\$ 15,956.19

FINANCIAL STATEMENT.

INCOME		\$ 23,319.64
Schedule water rates	\$ 8,060.88	
Meter water rates	4,346.27	
Taps	286.00	
Installing meters	48.00	
Water, Catholic cemetery	35.00	
Labor on park hydrants .....	.75	
Fire hydrant rental	6,891.05	
Water for sprinkling at cemetery	335.00	
Water for sprinkling streets	350.00	
Accounts Receivable—		
Meter rates	1,870.65	
Schedule rates	804.00	
Labor park fountains	7.08	
Labor and material, cemetery	284.96	
PUMPING COST		\$ 4,721.53
Engineers	\$ 1,120.00	
Firemen	1,058.00	
Fuel—Coal, \$1,325.13; wood, \$906.25.....	2,231.38	
Electric Current—Power, \$3.36; light, wiring, etc., \$140.45	143.81	
Oil, waste, packing, etc.....	184.08	
	\$ 4,737.27	
Less sale of barrels	15.74	
PUMPING PROFIT		\$ 18,598.11
MAINTENANCE COST		\$ 2,170.59

Intake	\$	57.00	
Pumps		11.65	
Boilers		242.00	
Auxiliary machinery, smoke flue, etc.....		382.18	
Buildings		447.53	
Mains		361.46	
Hydrants		363.73	
Repairs and testing meters		197.18	
Hose and attachments		97.73	
Labor (extra)		2.63	
Sprinkling valve		7.50	
GROSS PROFIT			\$ 16,427.52
GENERAL EXPENSE			3,865.26
Superintendent, (previous year)	\$	12.50	
Stationery, printing, etc.....		43.85	
Insurance		98.36	
Interest, \$3,626.68; less accrued interest of other periods, \$217.24		3,409.44	
Refunds		58.01	
Reading meters		39.05	
Inspections		178.25	
Miscellaneous supplies		16.36	
Telephone and toll		9.00	
NET PROFIT			\$ 12,562.26
ASSETS AND LIABILITIES.			
ASSETS			\$252,196.93
Cash on hand Dec. 31, 1913	\$	18,679.42	
Accounts receivable		2,966.69	
Inventory and contrsruction account		230,550.82	
LIABILITIES:			
Bonds	\$	121,667.00	
Accrued interest		1,221.45	
Ownership (resources in excess of liabilities)..		116,746.22	
Current period profit		12,562.26	
			\$252,196.93

Cemetery

January 12th, 1914.
To the Mayor and Commissioners,
Traverse City, Michigan:
305—Gentlemen: Hereto is attached
an inventory of the cemetery proper-
ties, together with reports of the re-
ceipts and disbursements in this fund:
Cemetery lots sold, May 1, 1913, to
Dec. 31, 1913, 23.
Single graves sold, May 1, 1913, to
Dec. 31, 1913, 20.
Number of graves dug, May 1, 1913,
to Dec. 31, 1913, 93.

I trust that the time is not far off
when every lot in the city cemetery
will be cared for and the burden
thereof borne by the city at large.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and
Welfare.

Receipts, Cemetery.

Balance May 1, 1913.....	\$	1,067.83
Lots, delinquent May 1, 1906		5.00
Lots, fiscal year.....		349.74
Burials and removals.....		341.00
Care of lots		892.50
Single graves		56.00
Grading lots		404.85
Extra labor		69.75
Transfer, 1913 general tax..		1,316.99

\$ 4,503.66

Disbursements, Cemetery.

Sexton	\$	520.00
Horse hire		80.00
General labor		735.97
Repairs to equipment.....		26.53
Water, sexton's house.....		6.75
Care of lots		444.67

Soil and ashes	375.00
Sod	22.20
Seed	5.65
Painting	5.10
Draying	4.00
Transfer—Water for sprinkling, 1913	350.09
Telephone	6.00
	<hr/>
	\$ 2,581.87

Visiting Nurse

Traverse City, Mich., Jan. 12, 1914.
To the Mayor and Commissioners,
Traverse City, Michigan:
306—Gentlemen: I present herewith report of the work of the visiting nurse, Miss Pearl S. Watters, for the fiscal year, 8 months, ending December 31, 1913.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

Report of Visiting Nurse from May 1st to Dec. 31st, 1913:

Total number of patients for 8 months, 118.

Total number of visits for 8 months, 804. Visits for Metropolitan Life Insurance Co., 293; visits for county, 70; visits for pay cases, 87; visits for B. A. C., 354. Total, 804. Average visits per month, 100.04.

Nurse's salary for 8 months, \$520.

Received from Metropolitan Life Insurance Co., \$146.50; received from county, \$35.00; received from pay cases, \$43.50. Total amount received, \$225.00. Cost to city for 8 months \$295.00. Average cost to city per month, \$36.87.

Sanitary Work since May—Work done in 18 families. Number of visits, 97. Gave instructions to mothers how to keep children clean; also care of house, pantries, milk and butter. Showed them how to scrub floors and windows. Insisted on good ventilation. Enforced the keeping of yards in good condition.

Pearl Watters, Nurse.

Meat and Milk Inspector

Traverse City, Mich.

Jan. 12, 1914.

To the Mayor and Commissioners,
Traverse City, Mich.

307—Gentlemen: Attached hereto is a report of O. H. Core, meat and milk

inspector, for the period of eight months previous to Dec. 31, 1913.

I believe the inspection of the meat and milk supply of this city is a department we can ill afford to dispense with. The salary allowed does not seem to me to be commensurate with the work needed to be done or even as required. I believe that inspections should be made of dairies and meat markets supplying this city with their commodities at least once each month and I shall this year ask the inspector to do this and keep account of the mileage traveled by him and the tests made.

The state has rendered us valuable aid in this regard this year and this service is much appreciated by me and I believe by the citizens of Traverse City.

The inspector has made some suggestions in his report which I trust you will consider in due course.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

Traverse City, Mich.

Jan. 1, 1914.

To J. O. Crotser, Commissioner, City of Traverse City, Mich.

Dear Sir:

Following is approximately the number of tests and visits I have made since taking my oath last May: Tests of milk, 200; tests of cream, 100; visits to meat markets, 95; visits to dairy farms, 75; visits to dairy depots, 20; visits to abattoirs, 12.

As for the dairy farms around and about Traverse City there are but few, one or two, but what are in satisfactory condition, these few however are being or are to be reconstructed in the near future.

The cows of all dairymen are in good condition and look to be in health although as it is impossible for anyone to always detect the presence of tuberculosis by an optical inspection and as milk may not always present the tubercular bacilli when the animal is infected I strongly recommend that all cows furnishing milk or cream to the city have the tuberculin test at least once each year and oftener if, in the mind of the inspector any cow need be.

As for the milk I suggest that all

milk sold in the city be pastuerized before offered for sale in order to destroy any germ that might be present endangering the consumer of such milk. Pastuerization of the milk along with the tuberculin test of the cow would give Traverse City one of the most sanitary milk supplies of the day.

As for the meat markets of the city the conditions are very variable. The most trouble is in the summer with the fly against which all markets are making a hard fight.

The abattoirs about the city are very poor having no equipment for cleaning as should be done. I suggest the Commissioners of the city consider the matter of a municipal abattoir where all carcasses can be inspected at the time of slaughtering where everything belonging to each carcass is present. The abattoir would be self maintaining after once erected and equiped by charging each meat dealer a certain sum per head for dressing and care.

Respectfully,

O. H. Core,
Dairy and Meat Inspector.

Electric Light and Power Department

Jan. 12, 1914.

To the Mayor and Commissioners,
Traverse City, Mich.

308—Gentlemen: I herewith submit reports in full, as made by A. A. Keiser, auditor, and Wm. Gifford, superintendent, of the operations of the Electric Light and Power Department of the city for the fiscal year, 8 months, ending December 31st, 1913.

These reports cover all points that I believe will be of interest to the taxpayers of Traverse City and are reports which, to my mind, are very satisfactory indeed and I consider that any further comment by me is unnecessary at this time.

Respectfully submitted,

J. O. Crotser,
Commissioner of Public Health and Welfare.

ELECTRIC LIGHT & POWER DEPARTMENT, CITY OF TRAVERSE CITY, MICHIGAN.

Financial report for the year 1913 from May 1, 1913 to December 1, 1913.

We herewith present our financial report for the period from May 1, 1913 to December 1, 1913.

In the balance sheet, showing conditions at December 1, 1913, we wish to call special attention to the fact that while a depreciation account has been set up in amount of \$3,458.59, that all repairs have been made and charged direct to expense accounts, thus making actual amount allowed for depreciation much larger than can be shown in balance sheet.

A reserve for accrued interest has been set up, and all interest accrued to December 31, 1913, charged profit and loss, and credited this account. The account captioned "Ownership" is the total Net profits prior to May 1, 1913; while "Profit Current Period" is the actual profit May 1, 1913 to December 31, 1913.

This statement shows net profits for the period September 1, 1912 to December 31, 1913, sixteen months, to have averaged \$555.77 per month.

It will be noted that the eight months period ending April 30, 1913, shows profit of \$5,245.46, while the next eight months period shows but \$3,646.97. This is occasioned by the fact that there was no reserve for taxes, and there were none paid in the first period, while the second period paid for the entire 16 months. If we eliminate this cause of divergence, we find that profits have shown practically the same result for each period, though the indications point to increased profits for the future.

We call special attention to the fact that net profit, after setting up a reserve for accrued interest and depreciation, amounts to a total of \$8,892.43, or over 4 1-4 per cent. If to this we add the 4 1-4 per cent interest charge, and the 2 per cent depreciation charge we find that the plant has made a gross profit of over 10 1-2 per cent.

In view of the fact that this is the first year of operation, we think the showing one of which the city may be proud.

Statement of Assets and Liabilities—

December 31, 1913.

Assets.	
Deposits	\$ 255.84
Accounts receivable, merchandise	1,019.64
Accounts receivable, cur-	

rent	2,783.29	Stock purchases	8,360.36
Inventories.			11,129.67
Store	\$ 3,741.17	Less closing inventory	
Supplies	162.89	\$3,741.17	\$ 7,388.50
Insurance	12.89	Labor	185.86
Poles and cross arms	424.25		
Plant.		Total	\$ 7,574.36
Buildings	\$ 3,177.61	Wiring	2,000.09
Dynamos and switch boards	12,199.48	General Expense.	
Water wheels	7,394.80	Lost time	\$ 45.92
Dam and flumes	38,401.94	Office labor	912.78
Pole lines	11,807.08	Supplies	244.14
Arc lights	6,877.00	Interest	4,250.00
Transformers	9,547.38	Insurance	71.92
Meters	4,506.29	Taxes	1,059.27
Wiring	10.00	Office expense	749.91
Tools	698.84	Soliciting business	1.50
Sub-station	8,644.61	Superintendence	878.55
Office furniture and fix- tures	312.38	Sundry	2.00
Distribution lines	28,304.89	Office fuel	28.24
Land	22,600.00		
	\$162,882.27	Total	\$ 8,244.23

**Statement of Assets and Liabilities—
December 31, 1913.**

Liabilities.

Bonds	\$150,000.00
Accrued interest	531.25
Depreciation reserve.....	3,458.59
Ownership	5,245.46
Profit current period.....	3,646.97

\$162,882.27

**Income, Expense and Profit and Loss
Statement, May 1, to December
31, 1913.**

Station Expense.

Operating labor	\$ 1,038.16
Grounds and buildings	101.17
Dynamos and switch boards	12.10
Dam and flumes	47.82
Tools	43.35
Sub-station	105.40
Miscellaneous	61.54

Total

Outside Expense

Pole line	\$ 246.79
Arc lights	137.12
Meters	9.23
Trimming arc lights	74.89
Shop	114.75
Reading meters	75.84

Total

Store.

Inventory, beginning	\$ 2,769.31
----------------------------	-------------

Income from Current.

Metered	\$ 4,277.86
Schedule	10,496.47
Power	1,390.86

Total "current" income ..	16,165.19
Less station and outside ex	2,068.16
Gross "current" profit	14,097.03

Store

Sales—Cash	3,730.72
Sales—Time	809.89
Requisitions	4,185.20

	8,725.81
Less stock cost and expense	7,574.36

Gross store profit	1,151.45
Wiring—Cash	1,849.72
Wiring—time	269.80

2,119.52

Less wiring cost

Gross wiring profit

Summary.

"Current" profit	\$ 14,097.03
Store profit	1,151.45
Wiring profit	119.43
Rent revenue	147.50

Total gross profit

Less general expense

Net profit

Traverse City Mich. Jan 1. 1914.
To J. O. Crotser, Commissioner of the
City of Traverse City, Mich.

Dear Sir:—Believing that in addition to the annual report that it would be of interest to your honorable body to know what has been accomplished and where, I take pleasure in submitting herewith a summary of what has been done since the first of June 1913.

The commercial lines have been extended as follows; In the alley between Ninth and Tenth streets west of Pine to Maple street. The construction here is ample to take care of future business without the necessity of making additional transformer installations.

Primary lines have been extended east from railroad avenue in alley between Front and State street as far as Gilbert street.

And north across the G. R. & I. park across Front street along line of City park north and thence west the length of the 600 block on Front street. The transformer installation here is of sufficient capacity to supply the needs of this block for all ordinary demands that might arise.

Primary lines have been run north from Eighth street on Rose as far as the alley between State and Washington streets and thence east on Bell telephone poles across the 900 block. The installation here is also ample to take care of future business in this block without necessary transformer installations.

Lines have been run east from Rose street in the alley between Webster and Washington street as far as Garfield avenue, thence north to Front street, thence east to the fair grounds. And we are in a position to take on any new business in this section without much expense being added to that already contracted.

The primary line has been extended three phase, north on Union street to Bay street thence west, to the water works. Consequently we are in a position to take care of any power proposition that might arise at the water works in the future.

Primary lines have been run north on Wadsworth street as far as Bay street, thence west to the Rickard Marble Works. This construction is also three phase and of ample capacity

to take care of any future business in this section.

Primary lines have been also extended from Maple street east to Oak street in the alley between Second and Third streets.

In addition to this two arc light have been installed. One at Rose and Webster streets and one at the intersection of Wellington and Eighth streets.

Primary lines, three phase, have been extended east in the alley between Eighth and Webster streets as far as Franklin street and thence south to Eighth street.

The primary lines have also been run south on Hope street from State street to the alley between State and Washington streets and thence east far enough to take care of all business in sight at this point.

More than forty buildings have been wired for electric lights, not including the work on the new Boardman school building, and a great deal of repair work in the nature of rewiring condemned wiring of earlier date. Quite a large number of poles have been painted and much other work has been done in the way of upkeep and strengthening of construction.

The plant is in excellent condition and I look forward to a very prosperous year for the city light and power department.

Respectfully submitted,

William Gifford,

Supt. Light and Power.

City Poundmaster and Scavenger

Jan. 12, 1914.

To the Mayor and Commissioners,
Traverse City, Michigan:

309—Gentlemen: Attached hereto is a report made by George W. Gegner, poundmaster and city scavenger, for the fiscal year, 8 months, ending December 31st, 1913, which is self explanatory.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

Traverse City, Mich., Dec. 28, 1913.

To J. O. Crotser, City Commissioner.

Report from George W. Gegner, City Pound Master and City Scavenger, from May 1, 1913, to Dec. 28, 1913:

Horses killed, died and buried, 32

- Mules died and buried, 1.
- Mules killed and buried, 1.
- Cows died and buried, 1.
- Dogs killed, died and buried.
- Cats killed, died and buried, 23.
- Dogs in pound and redeemed, 13.
- Horses in pound and redeemed 7.
- Cows in pound and redeemed, 16.
- Chickens in pound and redeemed, 1.
- Calls made for female dogs running at large, 9.
- Calls made for horses running at large, 17.
- Calls made for cows running at large, 27.
- Calls made for chickens running at large, 36.
- Calls made for pigs running at large, 4.
- Calls made for geese running at large, 3.
- Calls made for ducks running at large, 5.
- Calls made for dogs biting people, 8.
- Calls made, people keeping pigs, to clean up, 2.
- Ordered dogs to be muzzled, 2.
- Chickens picked up in streets and alleys and buried, 9.
- Garbage removed from different places, 57.
- Rubbish removed from yards and alleys, places, 87.
- Closets cleaned in city limits, 378.
- Closets cleaned outside of city limits, 2.
- Cesspools cleaned, 13.
- Circus ground cleaned on 12th street, 1.
- Carnival ground cleaned on West Front street, 1.
- Horses shot, having broken legs, 4.
- Horses shot that were not able to get up, 6.
- Horses shot on account of old age, 11.
- Dogs shot on account of being run over by train, 3.
- Dogs shot on account of being run over by wagon, 1.
- Dogs shot on account of being run over by automobile, 3.
- Dogs shot on account of being run over by bicycle, 1.
- Dogs shot on account of being sick, 7.
- Dogs chloroformed, 2.
- Cats chloroformed, 9.
- Arrests made for burying closets, 4.
- Arrests made for not paying dog taxes, 7.
- Arrests made for letting chickens run, 1.
- Closets cleaned where connections were made, 16.
- Horses tied on Front street when they were not tied, 14.
- Calls made on Chief of Police Carson's orders, 38.
- Rabbits found dead in alleys and buried, 2.
- Dogs in city pound at present time, 12.
- Closets to clean at present time, 5.
- Rubbish to haul away at present time, 3.
- Calls to make on account of dogs, 9.
- Calls to make on account of closets buried, 1.
- Calls to make on account of chickens, 4.
- Calls to make on account of cows staked out, 1.
- Calls to make, bad closets to look after, 8.
- Notices served in regard to closets and cleaning up, 17.

Department of Public Safety

JAS. H. McALLISTER, Commissioner

Chief of Police

January, 12, 1914.

To the Mayor and Commissioners,
Traverse City, Michigan.

299—Gentlemen:—I present herewith report made to me by B. F. Carson, Chief of Police, for the past eight months, together with itemized statement of receipts and disbursements in this department.

In regard to this department, I feel that some different office arrangement should be made, and recommendations in this regard and in regard to other features of the department will be submitted in the near future.

Respectfully submitted,

James H. McAllister,

Commissioner of Public Safety.

To J. H. McAllister, Commissioner,
City of Traverse City,

I herewith submit my report of the Police Department of the City of Traverse City, Michigan for the eight months ending December, 31, 1913.

Number of arrests, 204. drunk and disorderly, 151; Vagrancy, 2; Begging, 12; Larceny, 9; grand larceny, 1; violation of cigarette law, 4; furnishing whisky to Indian, 1; using indecent language, 2; insulting little girl, 1; peddling without license, 2; assault and battery, 4; cruelty to animals, 4; speeding motorcycle, 2; wife abandonment, 1; insane, 2; forgery, 1; carrying concealed weapons, 1; keeping house of ill fame 4.

Bicycles stolen, 94; bicycles restored to owners, 75; bicycles on hand, 5; lost children taken to their parents, 7; doors of business places found open and secured, 21; dead animals reported to city scavenger, 38; red light calls investigated, 81; telephone calls investigated, 1512.

Respectfully submitted,

Ben F. Carson,

Chief of Police.

RECEIPTS.

Police.

Balance, May 1, 1913\$ 770.94

Transfer, 1913 general tax 4827.97

5598.91

DISBURSEMENTS.

Police

Regular	2626.00
Special	50.00
Light	10.80
Telephone and toll	22.55
Department expenses	7.50
Livery	26.50
Rental of office	70.00
Police matron,	60.00
Supplies, police matron ....	.52

2873.87

Fire Department

January 12th, 1914.

To the Mayor and Commissioners,
Traverse City, Michigan:

300—Gentlemen: I present herewith report of T. C. Murray, fire marshal of this city, together with certain recommendations which I trust will be given consideration by you.

In addition to these recommendations I would ask that if it is the intention to keep the present quarters for the fire department for any length of time, a sufficient sum of money be appropriated to widen the doors at the Cass street entrance, raise the roof and continue the walls on the west end of the building to the same height as the building proper, making additional space for the storage of hay. And if the horses are to be continued in use, I would recommend that cork brick floors be placed in the stalls.

During the past year a new floor has been placed in the main room and the upstairs, including office and sleeping rooms, have been renovated, and in addition to this a new roof has been placed on the building.

Respectfully submitted,

James H. McAllister,

Commissioner of Public Safety.

Traverse City, Mich., Jan. 1, 1914.

To J. H. McAllister, Commissioner:

Sir: I have the honor to herewith

submit to you the annual report of the Traverse City fire department for the eight months, from May 1, 1913, to January 1, 1914.

This report, in which will be found a record of the operations of the department for the past eight months, is the seventeenth annual report of this department.

The number of alarms responded to, the losses by fire, with the amount of insurance thereon, together with other information relative to this department.

During the eight months the department responded to 73 alarms, traveled 58 miles to and from fires, worked 116½ hours at fires, and laid twenty-eight thousand feet of hose.

The fire losses amounted to \$15,395.00, with a total insurance on same of \$139,300.00. The insurance over the loss was \$123,805.00.

Causes of Fires—Defective chimneys, 9; carelessness with cigars and matches, 3; sparks from locomotives and chimneys, 8; defective furnaces, 5; fireworks, 1; gasoline explosion, 1; smoking in bed, 1; friction, 1; oil stove explosion, 1; spontaneous combustion, 2; lightning, 1; chimney fires, 32; unknown, 5; false alarms, 2.

Wiring—During the eight months I have issued seventy-three permits for wiring buildings, inspecting them all personally; condemning nine jobs and finding the balance up to the national code of wiring.

Fire Department Property.

Building and lot	\$ 8,000.00
5 horses	1,475.00
5 harnesses	215.00
7 horse blankets	21.00
2 combination hose and ladder wagons	800.00
2 hose sleighs	200.00
1 exercise sleigh	25.00
1 exercise wagon	75.00
4 hose carts	300.00
1 hook and ladder hand truck	75.00
1 55 foot extension ladder	135.00
3 25 foot extension ladders	165.00
2 16 foot roof ladders	56.00
5,000 feet 2 1-2 inch hose ..	4,000.00
50 feet 3 inch hose	60.00
10 nozzles	210.00
3 hand chemicals, N. G.	45.00
2 Sibien nozzles and hose N. G.	75.00
1 insulated wire cutter	25.00
1 hose shut off.	15.00

2 Ahrens steam fire engines ..	8,000.00
2 connections, fire engines ..	20.00
1 reducer, fire engines	10.00
2 two-way Siamese	20.00
1 Pyrine extinguisher	5.00
1 hose expander	15.00
1 hose mend	15.00
33 Gamewell fire alarm boxes	3,995.00
5 Signalphone alarm boxes ..	325.00
14 miles of overhead wire ..	485.00
1 Gamewell indicator.	100.00
1 Gamewell punch register, at water works.	75.00
1 Gamewell gong register at water works	50.00
1 Signalphone punch register	50.00
1 Signalphone gong alarm.	18.00
58 gravity battery jars and contents	45.50
Switch board	25.00
11 beds	100.00
11 mattresses	28.00
32 blankets	64.00
32 sheets and 14 pillows ..	45.00
1 writing desk	25.00
16 chairs	40.00
2 commodes	10.00
2 brass sliding poles	35.00
1 chief's buggy	73.00
4 axes	8.00
4 runners for engine.	50.00
Skids for loading engine.	30.00
1 bench vise	3.75
1 stove	4.50

Total\$ 29,741.75

RECEIPTS.

Fire Department.	
Transfer, 1913 general tax. .	7,900.44
Liability insurance	6.00
	<hr/>
	\$ 7,906.44

DISBURSEMENTS.

Fire Department.	
Overdrawn balance, May 1, 1913	\$ 508.45
Regular men	4,024.24
Truck Co. No. 1.	219.00
Hose Co. No. 3.	127.50
Hose Co. No. 4.	153.50
Hose Co. No. 5.	87.50
Employers' liability aid.	6.00
Battery supplies	57.88
Hay, feed, oats, etc.	364.14
Light	34.40
Telephone	19.00
Fuel	62.40
Freight and cartage	7.58
Dept. expense	87.45

New equipment	398.78
Repairs equipment	27.53
Horseshoeing	76.75
Veterinary and medicine..	7.50
Water	9.45
Gas	10.27
Repairs to building	555.52
Expense to convention.....	85.00

\$ 6,929.84

Recommendations.

The department is badly in need of new hose, and I believe a thousand feet of hose should be purchased as soon as possible.

There is about two thousand feet of hose in service at the present time that has been in the department ten years or more and some of it more than fifteen years, and it is hardly fit to stand the hard strain of winter fire service.

The department is badly handicapped in not having a chemical of sufficient capacity to handle small fires, the old double tank chemical having been sold to Northport five years ago.

I believe a motor driven combination chemical and hose wagon would be a good investment, and would bring the department up to a much greater efficiency. Quick action is one of the greatest factors in fighting fire and the motor apparatus would certainly get us to fires much quicker than the horses. From an economy standpoint there is hardly a comparison after the first cost, as I have communicated with several fire chiefs who are using them and who claim there is a difference in the upkeep of about thirty dollars per month in favor of the motor apparatus. It would also give us the services of the driver in fighting fire, as he would have no horses to look after. That in itself I consider a big item in favor of the motor apparatus.

In conclusion, I desire to tender my sincere thanks to yourself, the mayor, the commissioners, and to other city officials and members of the department for their hearty co-operation.

Respectfully submitted,

T. C. Murray,
Fire Marshal.

Library Trustees

To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan.

SIR—Gentlemen:—The Board of Trustees of the Public Library of the City of Traverse City have the honor to submit their tenth annual report, which covers a period of eight months beginning May. 1st, 1913 and ending December 31st 1913. A detailed report of the Librarian and Treasurer are attached thereto.

We wish to call your attention to the average increase in books loaned per month, which is 78 more than was loaned per month last year; also, the increase in the number per month who have used the reading rooms.

We aim to establish a close relationship between the Public schools and the library, therefore our demands for reference material steadily increases. To meet this demand, we must purchase new reference books and periodicals; also, we must fill in back numbers of these magazines and have them bound: We also, have many study clubs throughout the city, which we should aid with reference material.

The parlors have been used through

the year by the Woman's club and two literary societies of the high school; also for other educational meetings.

Our branch library in the Fifth ward is of great importance to the people who live on the east side of our city, as can be seen by the number of persons who use the reading rooms and the number of books issued from the branch.

As our work increases, we should compensate those doing the work accordingly. We have good, efficient help in our Librarian and her assistants. We are greatly in need of a number of new books, also, repairs to the building, and in view of these facts we would petition that you make an allowance of four thousand dollars for the use of the Library next year.

The Board wishes to express to you our thanks for your interest in this important branch of our city government and to our people for their kindly interest in it.

Respectfully,

Mrs. Julia S. Umlor,
Leon F. Titus,
Lee Hornsby.

Librarian

To the Board of Library Trustees:
I have the pleasure of presenting to you the tenth annual report of the Traverse City Public Library for the period of eight months beginning May 1st 1913 and ending December, 31st 1913.

Number of books issued by departments.

	Main Library	Oak Park Branch
Fiction	10,412	2,035
Juvenile fiction	6,444	2,577
Philosophy	104	6
Religion	135	28
Sociology	800	287
Philology	7	0
Natural Science	218	216
Useful Arts	172	42
Fine Arts	225	46
Literature	418	164
History	259	126
Travel	265	197
Biography	179	74
General Works	533	241
	<hr/> 20,171	<hr/> 6,039

Total number of books issued, 26,210

Number of volumes in the Library by Departments:

	Main Library	Oak Park Branch
Fiction	2,662	495
Juvenile fiction	1,257	338
Philosophy	87	9
Religion	174	10
Sociology	325	41
Philology	27	6
Natural science	343	45
Useful Arts	222	12
Fine Arts	183	3
Literature	803	70
History	697	116
Travel	353	70
Biography	387	47
General works including bound magazines	1,023	107
Michigan documents	291	
Mich. pamphlets	269	
Gov't. documents	510	
Gov't. pamphlets	2,554	

Geologic atlases ... 210
Art collections 4
Stereoscope travels .. 6

12,387 1,369

Total number of volumes in the City Library and Branch library 13,756

Number of books added by Departments during the eight months:

	Main Library	Oak Park Branch
Fiction	124	12
Juvenile fiction	118	34
Philosophy	9	
Religion	6	
Sociology	43	2
Philology		
Natural science	12	11
Useful arts	17	6
Fine arts	25	
Literature	54	3
History	47	4
Travel	27	26
Biography	12	
General works	62	14
	<hr/> 556	<hr/> 112

Total number of new books added during the eight months, 668

Number of persons visiting the reading rooms

	Main Library	Oak Park Branch
Men	1,679	249
Women	1,312	243
Children	4,740	2,657
	<hr/> 7,731	<hr/> 3,149
Total number of people in Reading rooms		10,880
Number of patrons enrolled on the new record,		
Oak Park Branch		603
Main library		2463
New patrons added during the eight months		
Main Library		296
Oak Park Branch		46
Number of children attending the eleven story hours.		
Main Library		614

Oak Park Branch	284	diseases	1	—
Total number at the story hour	898		41	13
Average attendance at the story hour	82	Total number of books worn out, lost or destroyed, 54.		
Main Library	Oak Park	Rental collection:-Number of books in the rental collection, May 1, 1913,		
Magazines purchased .	57	13 32; Number of new books added during the 8 months, 39; total number of books in rental during the 8 months, 71. Number of books withdrawn from the rental, 31. number of books in rental January 1, 1914, 40.		
Magazines donated ...	7	4		
Newspapers purchased	3	—		
Newspapers donated .	1	17		
	68	Amount of money collected from the rent of the books and used to purchase new books for the rental, \$42.78.		
Main Library	Oak Park	Branch		
No. of books worn out.	30	10		
No. of books lost	10	3		
Destroyed for contagious			Respectfully submitted,	
			Alice M. Wait, librarian.	

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1914

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AUG 1 2 1915

ANNUAL REPORTS

OF THE CITY OF

Traverse City, Michigan

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AUG 12 1915

ANNUAL REPORTS

of the

City of Traverse City, Michigan



**For the Year Beginning January 1st, 1914,
to December 31st, 1914.**



FRONT STREET.



JOHN G. STRAUB
First Commission Mayor.

Department of Public Affairs

JOHN G. STRAUB, Mayor

Mayor's Address

To the Commission, Traverse City, Michigan:

655—Gentlemen: To attempt to go over the entire work done during the past two years would consume too much time and is not necessary, but suffice it to say that I know that the finances of our city have been handled most ably by Mr. Rickerd. The records of our water works and electric light departments show for themselves the excellent work done by Mr. Crotser and the health of our city, due to his watchful care, has never been better than at present.

Our police and fire departments are in first class condition and I know have at all times come first in the mind of Commissioner McAllister.

Our streets, our bridges and in fact all branches of the public works departments give evidence of the untiring efforts of Commissioner Sleder.

Errors no doubt can and will be found in the administration of the department of Public Affairs during this period, but I know that in my humble way I have done what I thought to be for the best interests of all and the errors found are errors of judgment only.

Of the fact that you have each served this city well and truly there can be no dispute, and I am equally confident that each department will be ably handled by the incoming commission and I trust that the citizens of Traverse City will lend every aid to the new officers in the administration of affairs and give them every support that is needed and assist in

carrying out of the various recommendations made to the incoming

officers by yourselves at our recent gathering.

And on this, the occasion of our last regular meeting, permit me to express my sincere thanks for the hearty co-operation given me by you during the time I have served this city as mayor.

Respectfully,

Jno. G. Straub, Mayor.

City Attorney

To the Mayor, Traverse City, Mich.: 655a—Dear Sir: I respectfully submit the following report of matters which have been submitted to me, and which remain undisposed of:

In the three cases commenced by the city against the townships of Garfield, Blair and East Bay, to recover taxes assessed against the city dump ground and the property owned in connection with the electric light plant, which were paid under protest, the testimony was taken some time ago, briefs have been filed and the matters argued before the court. It is expected that a decision will be rendered during the present term of court.

In the case of Traverse City vs. Citizen's Telephone Company, a temporary injunction was issued, restraining the defendant from violating the terms of its franchise. The defendant's answer was filed and the case permitted to stand in that way until it was noticed for hearing at the present term of court. It is expected that the case will be heard upon the merits before the term is completed.

All other cases commenced during the year have terminated satisfactorily.

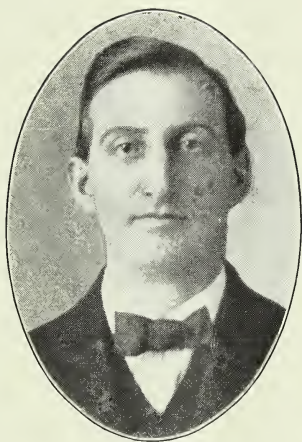
I would also call attention to the fact that a general revision and re-

compilation of the ordinances of the city are very much to be desired. Many of the ordinances passed under the old charter are not adapted to the provisions of the new charter. Other of the ordinances have been amended from time to time, and these amendments are found scattered through the council proceedings of the past ten years. The last compilation of the ordinances of the city was prepared in 1906; and none of the ordinances

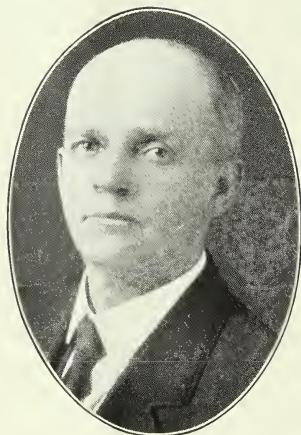
and amendments passed since that time have been printed in pamphlet form, or are in shape for ready reference. If a general revision of the ordinances is not desired, there should at least be steps taken to compile and print in pamphlet form all ordinances and amendments enacted since 1906.

All of which is respectfully submitted.

Geo. H. Cross,
City Attorney.



W. H. NASH
City Clerk.



A. W. RICKARD
Commissioner of Finance.

Department of Finance

A. W. RICKERD, Commissioner

Clerk's Report

To the Mayor and Commissioners,
Traverse City, Michigan:

656—Gentlemen: I present herewith financial statement of the city as prepared in the city clerk's office for the fiscal year from January 1st, 1914, to December 31st, 1914.

CONTINGENT.

Receipts.

Interest on deposits.....	\$ 1,784.10
Services of visiting nurse...	336.50
Justice court fines	33.00
Clerk hire for water works department	1,000.00
Supplies sold, engineer's office, etc.	4.07
Refund from Grand Traverse Co. Equal Suffrage Assn..	25.00
Returned from circuit court, amount deposited for office building	4,000 00
Balance warrant account, unclaimed checks	205.47
Refund, overpay .....	.65
Delinquent tax, county treasurer	3,103.24
Rejected tax, county treasurer	156.13
Delinquent tax, auditor general	84.47
Overrun—State, \$45.80; county, \$6.04; county road, \$31.97	84.79
Rejected tax, reassessed on tax roll	44.91
Fees, state and county tax..	250.36
Fees, state and county rejected tax, reassessed	1.48
Fees, 1913 summer tax reassessed	264.62
Fees, 1914 summer tax.....	377.85
Fees, 1914 summer tax reassessed	36.23
Transfer—Compensation insurance, \$1,128.71; rent of	

police office, \$80.00.....	1,208.71
Licenses—Wholesale liquor, \$75.00; retail liquor, \$4,060.00; city's share of county liquor licenses, \$5,031.67; dray and hack, \$496.50; hawkers, \$73.50; building movers, \$8.00; plumbers, \$40.00; pool and billiard, \$70.00; auctioneer, \$24.50; opera house and moving picture, \$112.50; shooting gallery, \$3.00; lunch stand, etc., \$11.00; medicine show, \$18.00; transient photographer, \$8.00; circus, \$69.00; meat, poultry and fish, \$5.00; ball rack, \$2.00	10,047.67
	<u>\$23,049.25</u>

CONTINGENT FUND.

Disbursements.

Express, freight, cartage....	\$ 14.65
Janitor	413.42
Postage	290.63
General office supplies.....	600.59
Laundry	7.04
Insurance	50.21
Telephone rental and toll..	30.75
Rent of city offices, State Bank building, \$250.00; 242 E. Front St., \$300.00.....	550.00
Rent of Fifth Ward hall....	25.00
Rent of Development Bureau office	180.00
Labor in office, tax rolls, etc.	912.82
Telegrams	21.61
Typewriting	2.15
Alterations to city office building	1,890.00
Expense of moving city offices	52.60
Furniture and fixtures	50.55
Water tax	9.00
Fuel	69.15
Repairs to office	17.40

Livery	13.50	interest in property, No.	
Ambulance expense	4.67	242 E. Front St.	4,000.00
Supplies for city engineer..	99.96	License plates	6.60
Weights at city scales .....	.50	City scavenger	10.00
Bond expense	208.75	Supplies, stone pile, etc.,	
Expense — City assessor,		county jail	3.52
clerk hire, etc., \$55.43;		Sewage disposal plant ex-	
looking up titles, etc.,		pense	18.00
\$100.00 livery, \$1.50	156.93	Refund to water and inter-	
Health Officer — Supplies,		est and sinking funds, in-	
\$240.43; disinfecting,		terest on deposits	1,389.11
\$591.00;	831.43	Expense ward buildings, re-	
Supervisors' services—Board		pairs, etc.	13.95
of health, \$174.00; quar-		Refund on license	9.00
antine cases, \$22.00; board		Dues, League of Michigan	
of review, \$93.00	289.00	Municipalities	15.00
Elections—General election		Expense of delegates to con-	
expense, \$26.15; registra-		ventions	140.98
tion, 4-16-14, \$115.45; spe-		Building inspectors	60.00
cial election, 6-24-14,		Expense, charter revision..	6.30
\$219.36; primary election,		Finding tax rolls, etc.	15.00
8-25-14, \$238.25; registra-		Payment on price auditing	
tion, 10-24-14, \$77.75; elec-		books	50.00
tion, 11-3-14, \$232.00; elec-			\$18,052.70
tion, 12-7-14, \$186.57; reg-		Transfers	3,476.44
istration, 11-28-14, \$67.00;		Overdrawn balance Jan. 1,	
primary election, 11-17-14,		1914	480.85
\$184.36	1,346.89		\$22,009.99
Liability insurance	1,481.36		
Recording papers	2.55		
Supplies for meat and milk			
inspector	7.79		
Supplies for visiting nurse..	3.90		
Supplies for justice of peace	90.25		
Erroneous assessments	472.42		
Expense of suit to recover			
taxes	14.55		
Refund on taxes	10.29		
Taxes on office building....	91.64		
Paving tax on school prop-			
erty	327.83		
Sewer tax on school prop-			
erty	30.26		
Appropriations—State chari-			
ties and corrections,			
\$25.00; Committee of			
Twenty-One for maga-			
zines, \$25.00; to help fur-			
nish ward in hospital,			
\$100.00; Soldiers' and Sail-			
ors' convention, \$200.00;			
Decoration day, \$71.12;			
Humane society, \$100.00;			
Grand Traverse Co. Equal			
Suffrage Assn., \$100.00....	621.12		
Expense renewing lease of			
city office building	15.38		
Fees, case of Rindge Est. vs.			
City	6.70		
Deposit with clerk of Circuit			
court for office building...	1,000.00		
Payment in full for one-half			

PRINTING.

Receipts.

Balance Jan. 1, 1914	\$ 518.17
Transfer, 1914 general tax..	768.80
	\$ 1,286.97

PRINTING.

Disbursements.

Commission proceedings....	\$ 361.25
Binding proceedings	34.10
Annual reports	79.20
Notices—Regular tax, \$12.75;	
budget, \$3.00; bids, \$.75;	
assessor's notices, \$5.50;	
board of review and equal-	
ization, \$7.50; board of reg-	
istration, \$5.50; ordi-	
nanances, \$1.00; weeds,	
\$3.25; elections, \$24.25....	63.50
	\$ 538.05

FIRE DEPARTMENT FUND.

Receipts.

Balance Jan. 1, 1914	\$ 976.60
Transfers, 1914 general tax..	18,141.85

\$19,118.45

FIRE DEPARTMENT FUND.

Disbursements.

Regular	\$ 5,961.20
Special	20.00
Truck Co. No. 1	222.00

Hose Co. No. 3.....	134.00	urer's office	23.32
Hose Co. No. 4.....	172.50	Delinquent tax, county treas-	
Hose Co. No. 5.....	80.00	urer's office	345.72
Dues and expense to conven-		Refund on warrant No. 318..	270.00
tion	85.00	1914 summer tax	5,892.44
Rent of 5th ward hall for		1914 summer tax, reassessed	76.21
hose cart	6.00	Interest on deposits	728.90
Light	55.90	Transfers	6,375.00
Telephone	36.50		
Fuel	190.83		\$38,385.63
Hay, feed, etc.....	627.33		
Department expense	106.57		
New euipment	1,130.39		
Repairs to equipment	105.15		
Water	12.60		
'as	20.27		
Horseshoeing	116.30		
Battery supplies	93.05		
Freight, cartage and express	22.93		
Veterinary and medicine....	5.00		
Repairs to building	137.86		
Transfers—Hydrant rental,			
\$8,855.00; compensation			
insurance, \$356.95.....	9,211.95		

\$18,553.33

SALARIES.

Receipts.

Balance Jan. 1, 1914.....	\$ 4,156.86
Transfers, 1914 general tax..	10,647.36
	\$14,804.22

SALARIES.

Disbursements.

T. H. Gillis, city clerk.....	\$ 833.32
W. H. Nash, city clerk.....	1,000.00
I. M. Winnie, city treasurer..	1,500.00
W. A. Royce, city engineer..	1,399.92
Geo. H. Cross, city attorney	600.00
O. H. Core, meat and milk	
inspector	300.00
E. L. Thirlby, city physican	150.00
Pearl S. Watters, visiting	
nurse	780.00
T. G. Shilson, city assessor..	1,200.00
J. G. Straub, mayor.....	300.00
A. W. Rickard, commissioner	200.00
J. O. Crotser, commissioner	200.00
Jcs. Sleder, commissioner...	200.00
J. H. McAllister, commission-	
er	200.00
C. Miner, asst. clerk.....	1,023.00
T. Prasil, assistant treasurer	617.00
	\$10,503.24

INTEREST AND SINKING.

Receipts.

Balance Jan. 1, 1914.....	\$24,103.30
1913 summer tax, reassessed	563.44
Charge back taxes, reas-	
essed	7.30
Rejected tax, county treas-	

INTEREST AND SINKING.

Disbursements.

Erroneous charge (warrant	
No. 318)	\$ 270.00
Interest on \$6,000 bridge	
bonds	270.00
Interest street intersection	
bonds, issue 1908, Nos. 1 to	
7	315.00
Interest street intersection	
bonds, issue 1908, Nos. 8 to	
20	585.00
Interest street intersection	
bonds, issue 1909, Nos. 1 to	
6	270.00
Interest E. L. & P. bonds,	
issue 1912	6,375.00
Interest refunding bonds,	
\$3,500	140.00
Interest refunding bonds,	
\$4,000	160.00
Interest refunding bonds,	
\$3,500	140.00
Interest refunding bonds,	
\$4,000	160.00
Interest refunding bonds,	
\$4,000	160.00
Interest refunding bonds,	
\$3,000	120.00
Interest bridge bonds, \$9,-	
000, \$180.00; bridge bonds	
paid, \$9,000.00.....	9,180.00
Interest on park and im-	
provement bonds	315.00
Transfer for bridge purposes	2,500.00
	\$20,960.00

POLICE.

Receipts.

Balance January 1, 1914.....	\$ 2,725.04
Transfer, general tax.....	5,106.64
For special police	4.50
	\$ 7,836.18

POLICE.

Disbursements.

Regular	\$ 4,248.49
Special	36.00
Light	4.05
Livery	45.75
Telephone rental and toll...	44.85
Department expense.....	29.38

DEPARTMENT OF FINANCE.

Police matron	130.00
Rent of office	120.00
License for carrying concealed weapons	2.00
Compensation insurance, (transfer)	162.08

\$ 4,822.60

LIBRARY.

Receipts.

Balance Jan. 1, 1914.....	\$ 1,406.67
Book fines	34.50
Refund, overpay	16.20
Books sold	35.00
County's share justice court fines	377.72
Transfers, general tax.....	3,689.82
City justice court fines.....	33.00

\$ 5,592.91

LIBRARY.

Disbursements.

Librarian	\$ 480.00
Assistant librarians	584.25
Librarian, Oak Park	310.00
Janitor	499.50
Janitor, Oak Park.....	39.00
Light	126.75
Books	749.95
Subscriptions to magazines..	296.45
Water	36.52
Freight and cartage	7.14
Miscellaneous supplies.....	101.03
Telephone, Oak Park.....	8.00
Equipment and repairs.....	123.87
Binding books	358.70
Insurance	316.98
Repairing bldg. and plumbing	4.60
Fuel	300.52
Grounds	8.00
Librarian's expense to convention	19.88
Transfer, compensation insurance	10.09

\$ 4,381.23

LIGHT.

Receipts..

Balance Jan. 1, 1914.....	\$ 2,889.07
Transfer, general tax.....	6,509.00

\$ 9,398.07

LIGHT.

Disbursements.

City offices	\$ 81.33
Streets and alleys	6,984.17
Second ward hall	7.00
Third ward hall	8.00
Lamps	25.98

\$ 7,106.48

WATER FUND.

Receipts.

Balance Jan. 1, 1914.....	\$18,679.42
Schedule rates	11,749.31
Meter rates	8,453.15
Taps	387.50
Installing meters	69.00
Material sold	205.49
Extra water, circus, etc....	11.94
Mains in cemetery	284.96
Labor and repairs	136.42
Catholic cemetery water....	33.50
Interest on deposits	660.21
Payment for hydrant broken	35.00
Transfers—Hydrant rental, \$8,855.00; water at cemetery, \$350.00; water for street sprinkling, \$335.00; general tax, \$533.20.....	10,073.20

\$50,779.10

WATER FUND

Disbursements.

General Expense—Clerk hire, \$1,019.50; printing and stationery, \$50.05; insurance, \$229.36; interest, \$5,114.18; refunds, \$90.94; labor, reading meters, \$114.00; labor, inspections, \$57.00; labor, turning on and off, \$266.00; telephone, \$13.25; laundry, \$6.07; mis. office supplies, \$17.46; telegrams, \$2.36; payment on ½ interest in city office building, \$1,500.00; transfer, compensation insurance, \$133.57; extra labor at cemetery and parks, \$41.00	\$ 8,654.74
Pumping — Engineers, \$1,890.00; firemen, \$1,566.00; Fuel, labor, \$140.57; coal, \$580.45; wood, \$1,862.50; oil, \$95.19; soap, \$20.90; waste, \$12.50; packing, \$62.10; electric, light, \$220.36; power, \$21.88; lamps, \$36.38; wiring, \$2.35; draying, \$2.10; boiler No. 1, labor, \$62.45; material, \$441.16; boiler No. 2, labor, \$60.30; material, \$187.86; pump No. 1, labor, \$3.00; material, repairs, \$161.32; pump No. 2, labor, \$31.65; material and repairs, \$209.77.....	7,670.79
Maintenance — Building, labor and material, \$344.97; mains, labor and mate-	

terial, \$160.84; hydrants, \$515.23; repairing and testing meters, \$166.43; intake, \$54.00; auxiliary machinery, \$119.49; grounds, \$150.02; sprinkling valves, \$87.15; services, \$267.75; stack, \$114.40; tools, \$9.40; water purification plant, \$49.53	2,039.21	Labor and material used on water and gas mains.....	122.40
New Construction — Mains, labor, \$470.83; draying, \$11.29; pipe, \$1,375.95; freight, \$40.95; lead, jute, etc., \$100.40; valves, \$58.28; hydrants, \$128.75; miscellaneous equipment, \$21.26; new taps, \$534.74; meters, \$608.49; meter boxes, \$87.34	3,438.28	Transfers—General tax, \$1,908.83; from interest and sinking fund, \$2,500.00; from contingent fund, bridge lights, \$303.49.....	4,712.32
	\$21,803.02		\$ 5,653.57
GENERAL SEWER.		BRIDGE.	
Receipts.		Disbursements.	
Balance Jan. 1, 1914.....	\$ 4,580.32	Cleaning bridges	\$ 15.79
Tile sold	7.50	Repairs bridges—S. Union street, \$2,741.76; Eighth street, \$699.47; Cass street, \$1,457.82; general repairs, \$170.25; North Union St., \$1.00	5,070.30
Transfer, general tax.....	1,908.83	Hauling snow	15.99
	\$ 6,496.65	Miscellaneous supplies.....	48.65
GENERAL SEWER.		Freight and cartage	2.25
Disbursements.		Lamps and posts, South Union street bridge.....	303.49
General repairing	\$ 125.87	Transfers, compensation insurance	5.83
Draying	25.35		\$ 5,462.30
Freight and express.....	4.48	CEMETERY.	
Office labor, city engineer's assistant	146.05	Receipts.	
Expense to Kalamazoo.....	20.06	Balance Jan. 1, 1914.....	\$ 1,921.79
Office supplies, blue prints..	4.65	Lots	528.59
Compensation insurance....	3.16	Burials and removals.....	540.00
Cleaning sewers	115.11	Care of lots	986.25
Cleaning catch basins.....	13.00	Single graves	29.00
Sewer pipe	216.01	Extra labor	61.00
Laying tile	173.35	Grading lots	166.01
Telegrams, etc.....	1.78	Transfer, general tax.....	978.29
Making tile: Material, \$422.04; making tile, labor, \$124.20	546.24		\$ 5,211.43
Catch basins, gratings, etc..	94.20	CEMETERY.	
Laying Sewers—		Disbursements.	
Maple street	80.78	Sexton	\$ 840.00
Wayne and Spruce.....	16.50	Horse hire	120.00
Wellington street.....	148.62	General labor	995.90
Cement chute, Front street..	32.50	Extension water mains	324.01
Plans, sewage disposal plant	1,750.00	Telephone	12.00
Transfer, drainage West Seventh street	1,160.09	Water, sexton's house.....	9.00
	\$ 4,677.80	Insurance	3.25
BRIDGE.		Hose	99.00
Receipts.		Repairs, etc.	15.95
Balance Jan. 1, 1914.....	\$ 798.85	Cartage	1.25
Refund, overpay	20.00	Care of lots	331.10
		Sod	8.50
		Seed	13.30
		Printing	8.00
		Refund, overcharge	4.00
		Miscellaneous supplies.....	2.16
		Transfers—Compensation insurance, \$31.85; water, sprinkling, \$350.00	381.85

Soil	77.00	1914 cement walk, reassessed	19.80
	<u>\$ 3,246.27</u>	1913 cement walk reassessed	223.95
PARK.		Fees on 1913 cement walk, reassessed	3.04
Receipts.		Delinquent tax from county treasurer's office	421.16
Balance Jan. 1, 1914	\$ 1,410.15	Delinquent sidewalk tax from county treasurer	184.71
Transfer, general tax	2,853.11	Charge back tax, reassessed	9.48
	<u>\$ 4,263.26</u>	Transfers—	
PARK.		General tax	15,579.91
Disbursements.		From contingent fund (general purposes)	3,000.00
Hannah Park — Caretaker, \$377.80; care and feed for deer, \$72.29; water, \$109.27; light, \$89.25; miscellaneous sups., \$108.00..	\$ 756.61	Gravel, W. 7th St. Imp....	20.20
East Bay Park—General expense	26.50	Use of tools, W. 7th. St. Imp.	100.00
E. Front St. Park—Caretaker, \$196.00; water, \$11.50; miscellaneous supplies, \$30.85	238.35		<u>\$25,689.42</u>
Lake Ave. Park—Water, \$18.50; flower beds, \$30.00	48.50	GENERAL STREET.	
So. Union St.—Water, \$13.89; miscellaneous supplies, \$9.50	23.39	Disbursements.	
Bay St. Park—Filling and setting trees, \$452.84; miscellaneous supplies, \$100.33; bath houses, \$136.96; water, \$2.70	692.83	Weighmaster	\$ 720.00
Grass and clover seed	4.20	Supplies for weighmaster...	55.50
Flower, trees and setting....	162.90	Light, city market	9.10
Tools, etc.	29.98	Fuel, city market	15.40
Appropriation, playgrounds..	100.00	Telephone, city market	15.00
Transfers, compensation insurance	7.37	Water, city market	5.77
Delinquent tax on E. Front St. Park lots	13.01	Light, tool house	28.75
	<u>\$ 2,103.64</u>	Fuel, tool house	16.36
GENERAL STREET.		Telephone, tool house	12.00
Receipts.		Water, tool house	5.77
Balance Jan. 1, 1914	\$ 3,121.93	Insurance	132.70
Market receipts	585.25	Freight, express, etc.	44.09
Dog licenses	320.00	Killing and burying dogs...	185.00
Amount collected for good roads	166.00	Water, horse troughs	247.50
Labor, city horses	803.20	Tools, equipment and repairs	2,708.53
Material sold, road roller, etc.	256.98	Repairs, weighmaster's office	17.15
Rental market site	6.00	Stone	62.38
Repairing pavement for Gas company	8.28	Freight on stone	167.95
Repairing cement sidewalks	79.80	Expense buying road machine	33.00
Sidewalk built for school....	300.00	Freight on road machine....	73.80
Rent of tar kettle	26.12	Dog tags	9.00
Curb and gutter, Union and Bay streets	166.60	Engineer's assistant	30.65
Curb and gutter, Cass street	108.30	Telegrams, toll, etc.	2.63
Curb and gutter, Park street	15.00	St. Com.'s salary	1,418.50
1914 cement walk	163.71	General repairs	3,145.04
		Cleaning pavement	2,181.68
		Hauling dirt from pavement	556.62
		Hauling leaves	41.25
		Cleaning cross walks	18.92
		Labor in gravel pit	40.96
		Repairing walks	370.48
		Caring for market site	442.58
		Caring for city dump	298.00
		Caring for horses	103.40
		Feed and bedding for horses	783.51
		Horseshoeing	67.70
		Horse medicine, veterinary, etc.	25.15
		Feed, St. Com.'s horse	110.00

Hauling brush	2.12	insurance, \$233.35	6,608.35
Opening street	40.75		
Hauling hay	19.37		\$26,974.26
Hauling coal	6.00		
Sprinkling	1,944.21	WHARF.	
Shoveling, plowing and gutter plowing snow, hauling snow	563.09	Receipts.	
Sanding walks	21.92	Balance Jan. 1, 1914.....	\$ 60.13
Unloading stone	63.78	WHARF.	
Cleaning tile	1.75	Disbursements.	
New pavement	37.61	Installing lights on pier....	\$ 36.59
Cleaning catch basins.....	89.62	Lamps	7.70
Road grader	126.29		\$ 44.29
Picking up stone	33.87	STREET INTERSECTIONS.	
Repairing culvert	16.46	Receipts.	
Dock line	6.98	Balance Jan. 1, 1914.....	\$ 1,842.96
Repairing pavement	983.74	STREET INTERSECTIONS.	
Cement Sidewalks—Filling, \$65.85; miscellaneous supplies, \$12.78; cement, \$351.57; gravel, \$173.77; labor, \$373.90; drying, lumber, etc, \$34.82.....	1,012.69	Disbursements.	
Crushing and hauling stone.	1,336.49	Transfers—W. 7th St. Imp..	\$ 1,842.96
Cutting weeds	237.65	EIGHTH STREET IMP. NO. 1.	
Refund overcharge, market site	3.00	Receipts.	
Watering trough	38.28	Delinquent tax from county treasurer	\$ 111.40
Grading and graveling: Meals for men, \$16.00; Munson Ave., \$422.37; Rennie St., \$586.13	1,024.50	Sale of notes	949.86
Coal for stone crusher	125.65		\$ 1,061.26
Oil, etc., for stone crusher..	8.84	EIGHTH STREET IMP. NO. 1.	
Cement walk, board of education	306.04	Disbursements.	
Curb and gutter—Cass St., \$128.20; No. Union St., \$211.59; Park St., \$84.08..	423.87	Notes	\$ 1,010.72
Grading Cass St.....	5.00	Interest	79.95
Screening gravel	21.10		\$ 1,090.67
Graveling Fern St.....	27.00	EIGHTH STREET IMP. NO. 2.	
Traveling exp., stone.....	5.34	Receipts.	
Transfers—Compensation insurance, \$115.21; street sprinkling, \$335.00	450.21	Fifth installment, reassessed	\$ 154.11
	\$23,185.04	Delinquent tax county treasurer	249.63
ELECTRIC LIGHT & POWER DEPT.			\$ 403.74
Receipts.		EIGHTH STREET IMP. NO. 2. .	
Balance Jan. 1, 1914.....	\$ 68.96	Disbursements.	
Light, power, etc.....	34,329.61	Overdrawn balance	\$ 6.06
	\$34,398.57	Notes	
ELECTRIC LIGHT & POWER DEPT.		Interest	44.02
Disbursements.		Rebates	68.64
Office disbursements	\$20,365.91		\$ 118.72
Transfers—Interest on bonds, \$6,375.00; compensation		WASHINGTON ST. IMP. NO. 1.	
		Receipts.	
		Delinquent tax from county treasurer	\$ 492.63
		Rejected tax from county treasurer	43.06
		Sale of notes	1,084.01
			\$ 1,619.70
		WASHINGTON ST. IMP. NO. 1.	
		Disbursements.	
		Notes	\$ 1,586.75
		Interest	79.34
			\$ 1,666.09

WASHINGTON ST. IMP. NO. 2.		Reassessed on tax roll.....	63.50
Receipts.		Delinquent tax from county treasurer	59.80
Balance Jan. 1, 1914.....	\$ 147.98		
Sale of notes	350.00		
	<u>\$ 497.98</u>		\$ 140.56
WASHINGTON ST. IMP. NO. 2.		WADSWORTH ST. IMP.	
Disbursements.		Disbursements.	
Notes	\$ 350.00	Interest	\$ 26.45
Interest	39.46	Rebates	16.17
	<u>\$ 389.46</u>		<u>\$ 42.62</u>
LATERAL SEWER NO. 5, DISTRICT NO. 1.		WEBSTER STRET IMP.	
Receipts.		Receipts.	
Balance Jan. 1, 1914.....	4.53	Fourth installment, reassessed	\$ 110.32
Fifth installment, reassessed	14.82	Fifth installment: Principal, \$696.68; interest, \$30.78	727.46
Delinquent tax from county treasurer	44.01	Delinquent tax from county treasurer	78.69
	<u>\$ 63.36</u>	Sale of notes	402.92
LATERAL SEWER NO. 5, DISTRICT NO. 1.			<u>\$ 1,319.39</u>
Disbursements.		WEBSTER ST. IMP.	
Interest	\$ 21.05	Disbursements.	
Rebates	24.01	Overdrawn balance	\$ 28.63
	<u>\$ 45.06</u>	Rebates	119.17
LATERAL SEWER NO. 6, DISTRICT NO. 1.		Notes	1,115.80
Receipts.		Interest	55.79
Balance Jan. 1, 1914.....	\$ 223.92		<u>\$ 1,319.39</u>
Fifth installment, reassessed	4.92	EAST NINTH ST. IMP.	
Delinquent tax from county treasurer	18.24	Receipts.	
	<u>\$ 247.08</u>	Fourth installment, reassessed	\$ 120.61
LATERAL SEWER NO. 6, DISTRICT NO. 1.		Fifth installment: Principal, \$488.12; interest, \$21.57	509.69
Disbursements.		Fifth installment, reassessed	21.14
Rebates	\$ 3.86	Charge back tax, reassessed	45.50
	<u>\$ 3.86</u>	Delinquent tax from county treasurer	85.38
FIFTH STREET IMP.		Sale of notes	480.62
Receipts.			<u>\$ 1,262.94</u>
Fifth installment, reassessed	\$ 181.45	EAST NINTH STREET IMP.	
Delinquent tax from county treasurer	69.94	Disbursements.	
	<u>\$ 251.39</u>	Overdrawn balance	\$ 3.40
FIFTH STREET IMP.		Rebate	118.75
Disbursements.		Notes	1,030.63
Overdrawn balance	\$ 3.24	Interest	51.15
Interest	43.29		<u>\$ 1,203.93</u>
Rebates	17.34	WELLINGTON ST. IMP.	
	<u>\$ 63.87</u>	Receipts.	
WADSWORTH ST. IMP.		Third installment, reassessed	\$ 44.77
Receipts.		Fourth installment: Principal, \$211.20; interest,	
Balance Jan. 1, 1914.....	\$ 17.26		

\$21.00	232.20	Interest	56.81
	<u>\$ 276.97</u>		<u>\$ 624.51</u>
WELLINGTON ST. IMP.		PARK ST. IMP.	
Disbursements.		Receipts.	
Overdrawn balance	\$ 10.51	Delinquent tax from county treasurer	\$ 97.85
Notes	211.20	PARK ST. IMP.	
Interest	31.47	Disbursements.	
	<u>\$ 253.18</u>	Interest	\$ 34.35
SO. UNION ST. EX. IMP.		W. SEVENTH ST. IMP.	
Receipts.		Receipts.	
Transfer from contingent fund to balance acct	\$ 127.97	Second installment: Principal, \$1,192.10; interest, \$228.62	\$ 1,420.72
SO. UNION ST. EX. IMP.		Third installment: Principal, \$162.00; interest, \$2.92....	164.92
Disbursements.		Fourth installment: Principal, \$162.00; interest, \$2.93	164.93
Overdrawn balance	\$ 127.97	Fifth installment: Principal, \$162.00; interest, \$2.95....	164.95
LATERAL SEWER NO. "J," DISTRICT NO. 4.		First installment, reassessed, Delinquent tax from county treasurer	351.44
Receipts.		Transfers:	
Transfer, from contingent fund, balance fund	\$ 11.98	City's share W. 7th St. drainage	1,160.09
LATERAL SEWER NO. "J," DISTRICT NO. 4.		Street intersections.....	1,842.96
Disbursements.			<u>\$ 5,308.26</u>
Overdrawn balance	\$ 11.98	W. SEVENTH ST. IMP.	
LATERAL SEWER NO. 5, DISTRICT NO. 8.		Disbursements.	
Receipts.		Overdrawn balance.....	\$ 55.43
Balance Jan. 1, 1914.....	\$ 25.05	Coal	5.00
Third installment, reassessed	38.57	Oil	3.70
Delinquent tax from county treasurer	82.07	Notes	3,493.36
Sale of notes	356.30	Interest	401.94
	<u>\$ 501.99</u>	Transfers:	
LATERAL SEWER NO. 5, DISTRICT NO. 8.		General street	120.20
Disbursements.		Contingent	69.25
Rebates	\$ 24.88		<u>\$ 4,148.88</u>
Notes	453.95	GENERAL CITY TAX.	
Interest	23.16	Receipts.	
	<u>\$ 501.99</u>	Balance Jan. 1, 1914.....	\$ 661.97
LATERAL SEWER NO. 4, DISTRICT NO. 8.		1913 summer tax, reassessed	3,189.25
Receipts.		1914 summer tax	64,774.42
Balance Jan. 1, 1914.....	\$ 482.74	1914 summer tax reassessed	836.92
Second installment, reassessed	66.21		<u>\$69,462.56</u>
Third installment: Principal, \$421.50; interest, \$22.09...	443.59	GENERAL CITY TAX.	
Delinquent tax from county treasurer	42.07	Disbursements.	
	<u>\$ 1,034.61</u>	Printing	\$ 768.80
LATERAL SEWER NO. 4, DISTRICT NO. 8.		Bridge	1,908.83
Disbursements.		General sewer	1,908.83
Notes	\$ 567.70	Fire	18,141.85
		Salaries	10,647.36
		Police	5,106.64
		Light	6,509.00
		Library	3,689.82

Water	533.20	assessed, \$9.20	13,024.26
Cemetery	978.29		
Park	2,853.11		\$66,207.15
General street	15,579.91		
	<u>\$68,625.64</u>		
STATE, COUNTY, COUNTY ROAD.			
Receipts.			
State, \$24,721.95; state, re-		State, \$21,485.25; state, re-	
jected, reassessed, \$16.30..	\$24,738.25	jected, \$16.30	\$21,501.55
County, \$28,426.58; county,		County, \$23,145.61; county,	
rejected, reassessed, \$18.06	28,444.64	rejected, \$18.06	23,163.67
County road, \$13,015.06;		County road, \$10,630.82;	
county road, rejected, re-		county road, rejected,	
		\$9.20	10,640.02
			<u>\$55,305.24</u>

TABLE NO. ONE.

Assessed valuation of the city for the years:

1910.

(As determined by the Board of State Tax Commissioners.)

	Real.	Personal.	Total.
First ward	\$2,423,700.00	\$1,116,303.20	\$3,540,003.20
Second ward	941,595.00	204,176.00	1,145,771.00
Third ward	1,240,490.00	157,823.00	1,398,313.00
Fourth ward	686,330.00	198,993.00	885,323.00
Fifth ward	801,250.00	21,898.00	823,148.00
	<u>\$6,093,365.00</u>	<u>\$1,699,193.20</u>	<u>\$7,792,558.20</u>
1911.			
First ward	\$2,498,480.00	\$1,110,611.00	\$3,609,091.00
Second ward	940,690.00	183,920.00	1,124,610.00
Third ward	1,245,220.00	164,219.00	1,409,439.00
Fourth ward	684,310.00	200,610.00	884,920.00
Fifth ward	813,490.00	28,751.00	842,241.00
	<u>\$6,182,190.00</u>	<u>\$1,688,111.00</u>	<u>\$7,870,301.00</u>
1912.			
First ward	\$2,482,605.00	\$ 977,922.00	\$3,460,527.00
Second ward	941,450.00	195,785.00	1,137,235.00
Third ward	1,231,690.00	156,665.00	1,388,355.00
Fourth ward	667,425.00	179,574.00	846,999.00
Fifth ward	791,440.00	23,527.00	814,967.00
	<u>\$6,114,610.00</u>	<u>\$1,533,473.00</u>	<u>\$7,648,083.00</u>
1913.			
First ward	\$2,485,895.00	\$1,013,542.00	\$3,499,437.00
Second ward	916,655.00	196,127.00	1,112,782.00
Third ward	1,233,540.00	186,840.00	1,420,380.00
Fourth ward	672,395.00	177,558.00	849,953.00
Fifth ward	770,368.00	15,656.00	786,024.00
	<u>\$6,078,853.00</u>	<u>\$1,589,723.00</u>	<u>\$7,668,576.00</u>
1914.			
First ward	\$2,515,950.00	\$1,373,503.00	\$3,889,453.00
Second ward	986,365.00	230,705.00	1,217,070.00
Third ward	1,248,885.00	49,290.00	1,298,175.00
Fourth ward	670,365.00	120,300.00	790,665.00
Fifth ward	792,530.00	11,635.00	804,165.00
	<u>\$6,214,095.00</u>	<u>\$1,785,433.00</u>	<u>\$7,999,528.00</u>

TABLE NO. 3—Tax Rates for the Years:

	1907.			1908.			1909.				1910.				1911.				1912.				1913.				1914.			
	City	State.	County.	City	State.	County.	City	State.	County.	County Road.	City	State.	County.	County Road.	City	State.	County.	County Road.	City	State.	County.	County Road.	City	State.	County.	County Road.	City	State.	County.	County Road.
Ward 1	\$1.92	\$.33	\$.38	\$1.99	\$.28	\$.40	\$2.26	\$.39	\$.55	\$.20	\$1.21	\$.19	\$.24	\$.14	\$1.25	\$.22	\$.25	\$.13	\$1.35	\$.19	\$.30	\$.15	\$1.55	\$.31	\$.33	\$.15	\$1.96	\$.19	\$.31	\$.14
Ward 2	2.12	.33	.38	2.09	.28	.40	2.46	.39	.55	.20	1.33	.19	.24	.14	1.45	.22	.25	.13	1.45	.19	.30	.15	1.55	.31	.33	.15	1.96	.19	.31	.14
Ward 3	2.02	.33	.38	1.99	.28	.40	2.36	.39	.55	.20	1.28	.19	.24	.14	1.33	.22	.25	.13	1.35	.19	.30	.15	1.55	.31	.33	.15	1.96	.19	.31	.14
Ward 4	2.02	.33	.38	1.99	.28	.40	2.46	.39	.55	.20	1.43	.19	.24	.14	1.35	.22	.25	.13	1.35	.19	.30	.15	1.55	.31	.33	.15	1.96	.19	.31	.14
Ward 5	2.12	.33	.38	2.19	.28	.40	2.56	.39	.55	.20	1.53	.19	.24	.14	1.45	.22	.25	.13	1.45	.19	.30	.15	1.55	.31	.33	.15	1.96	.19	.31	.14
Average	2.04	.33	.38	2.05	.28	.40	2.42	.39	.55	.20	1.36	.19	.24	.14	1.37	.22	.25	.13	1.39	.19	.30	.15	1.55	.31	.33	.15	1.96	.19	.31	.14
Total yearly average on \$100 valuation	\$2.75			\$2.73			\$3.56				\$1.93				\$1.97				\$2.03				\$2.34				\$2.60			

TABLE NO. TWO.

The following tables shows amount of tax for use in the various departments for the years 1910, 1911, 1912, 1913, 1914.

	1910.	1911.	1912.	1913.	1914.
School	\$ 37,800.45	\$ 37,873.86	\$ 41,672.40	\$ 51,668.58	\$ 74,999.52
Printing	1,000.00	1,000.00	500.00	1,000.00	800.00
Fire	15,563.00	9,000.00	9,000.00	9,000.00	20,000.00
Salaries	5,650.00	6,950.00	8,600.00	8,350.00	11,500.00
Interest and sinking	7,798.31	7,873.47	7,651.11	10,000.00	6,700.00
Police	4,752.00	6,000.00	6,000.00	5,500.00	5,400.00
Library	3,000.00	3,000.00	3,000.00	4,000.00	3,900.00
Light	6,800.00	6,000.00	6,500.00	5,500.00	7,000.00
Water		7,380.00	7,380.00	7,850.00	
Bridge	1,432.00	2,500.00	1,000.00	1,000.00	2,100.00
Cemetery	500.00	500.00	500.00	1,500.00	1,000.00
Park	750.00	750.00		2,000.00	3,100.00
General sewer		1,150.00	2,700.00	1,000.00	2,100.00
General street	2,700.00	253.00	500.00	10,000.00	17,000.00
Street District No. 1	2,656.81	3,608.82	3,460.74		
Street District No. 2	2,291.57	3,375.01	2,274.47		
Street District No. 3	2,099.58	2,468.22	1,388.53		
Street District No. 4	2,656.59	1,769.84	847.61		
Street District No. 5	3,292.60	2,528.09	1,629.94		
Total	\$ 99,752.91	\$ 103,980.31	\$ 104,604.80	\$ 118,368.58	\$ 155,599.52

RESOURCES.			
Inventory.			
Office furniture, fixtures, etc. (including city engi- neer's office)	\$ 3,389.50	Lateral sewer No. 4, district No. 8	410.10
Water works	240,822.85	Washington St. Imp. No. 2..	108.52
Parks	17,100.00	Park St. Imp.	63.50
Market site and bldgs.	16,000.00	Eighth street Imp. No. 2...	285.02
Street machinery, horses, etc.	9,939.83	Fifth St. Imp.	187.52
Property corner Cass and Washington streets	1,000.00	Wadsworth St. Imp	97.94
Bay street tool house and lot	1,200.00	E. Ninth St. Imp.	59.01
Gravel pit	2,000.00	Wharf	15.84
Dump ground	500.00	W. Seventh St. Imp.	1,159.38
Library	41,000.00	Elec. Light and Power Dept.	7,424.31
Cemetery	10,000.00	Wellington St. Imp.	23.79
Ward buildings	5,500.00	General city tax	836.92
Fire department	8,000.00		\$ 79,145.49
Fire apparatus	21,741.75	State, county and county road	10,901.91
	\$378,193.93		\$ 90,047.40
Taxes, Assessments and Items for Col- lection in the Various Departments:		Overdrawn Funds.	
Improvements	\$ 4,230.87	Washington St. Imp. No. 1.\$	46.39
Delinquent tax at county treasurer's office (exclu- sive of school)	6,266.27	Eighth St. Imp. No. 1..	29.41
Cemetery lots	63.50		\$ 75.80
Eighth street private sewer collections	44.20	LIABILITIES.	
Water—		Bonds.	
Schedule	706.50	Refunding	\$ 22,000.00
Material sold	17.87	Water	121,667.00
Meters	2,119.29	Bridge	6,000.00
State, county, city and re- jected tax in hands of city treasurer for collec- tion (exclusive of school) ..	53,987.86	Street intersections	26,000.00
Curb and gutter, Park St..	15.00	Elec. light and power.	150,000.00
	\$ 67,451.36	Park	7,000.00
Credit Balances at Close of Year.			\$332,667.00
Contingent	\$1,039.26	Permanent Improvement Notes.	
Printing	748.92	Lateral sewer No. 4, district No. 8	\$ 568.38
Fire	565.12	Wellington St. Imp.	211.20
Salaries	4,300.98	West Seventh St. Imp.	5,240.06
Interest and sinking	17,425.63		\$ 6,019.64
Police	3,013.58	Temporary Renewal Improvement Notes.	
Library	1,211.68	Eighth St. Imp. No. 1.	\$ 1,538.06
Light	2,291.59	Washington St. Imp. No. 1.	1,084.01
Water	28,976.08	Lateral sewer No. 5, district No. 1	420.92
General sewer	1,818.85	Park St. Imp.	687.12
Bridge	191.27	Washington St. Imp. No. 2.	789.30
Cemetery	1,965.16	Fifth St. Imp.	865.78
Park	2,159.62	Wadsworth St. Imp.	529.04
General street	2,504.38	Wellington St. Imp.	206.90
Lateral sewer No. 5, district No. 1	18.30	Eighth St. Imp.	880.34
Lateral sewer No. 6, district No. 1	243.22	East Ninth St. Imp.	633.17
		Webster St. Imp.	402.92
		Lateral sewer No. 5, district No. 8	356.30
			\$ 8,393.86
		CASH STATEMENT.	
		City depository	\$ 78,387.87
		City cash on hand	681.82

State and county depository	8,653.64	12 desks	36.00
State and county cash on		1 table	12.00
hand	2,248.27	1 flat top office desk.....	40.00
		1 adding machine	500.00
	\$ 89,971.60	2 typewriters	100.00
The following is an inventory of office		3 waste baskets	1.50
furniture, election outfits, etc.		Miscellaneous supplies	200.00
12 chairs, @ \$5.00.....\$	60.00	5 voting machines (cost \$1,-	
1 wardrobe	7.00	750.00)	
1 screen	1.50	Election outfits	200.00
1 table	12.00	Vault equipment	100.00
2 roll top desks.....	30.00	Water cooler	5.00
2 flat top desks, @ \$40.00..	80.00	1 book case	20.00
3 sectional cabinet.....	275.00	Interest in city office build-	
4 high desks	50.00	ing	1,000.00
6 office chairs	10.00		
12 chairs	48.00		\$ 2,855.50
3 chairs	15.00	Respectfully submitted,	
15 chairs	45.00	A. W. Rickerd,	
15 chairs	7.50	Commissioner of Finance.	

Department of Public Works and Property

JOS. SLEDER, Commissioner

December 31st, 1914.

To the Mayor and Commissioners,

Traverse City, Michigan:

657—Gentlemen: I hereby submit my second annual report, and I wish at this time to call the attention of your honorable body to the fact that there is more work and responsibility in the department of public works and property than in any department of the city, and touches the interest of more people than all the other departments put together.

Traverse City, in her past history, has been very conservative in spending money for public improvements, especially in the way of paving, curbing, sanitary sewers, storm and overflow sewers, bridges and culverts, but this restraint has seemingly been set aside. Indications now are that we will be petitioned to construct several blocks of paving during the coming year and we must not lose sight of the provisions in the law which makes the city guarantor of the pavement. If the property fails to pay the proposed estimate, the city should make good the deficit out of its general fund; the city is also required to maintain the pavement after it is laid and has to construct all street intersections, therefore the city is vitally interested and should see that the pavement is laid only where most needed, and then only in the most economical manner, consistent with providing the best and most durable pavement.

I would recommend that the city use the very best of materials for constructing pavements so that our people may have as good and as cheap pavement as they can for the money invested. The department of public works and property should be allowed to have the power to designate the

kind of pavement and material to be used in constructing same.

From my extended experience in municipal affairs, I have come to the conclusion that by maintaining friendly relations with the press, the several departments of the city could co-operate to a very large extent in rendering the tax payers valuable service. It is the work of this department to serve the public and it is also the work of the press to serve the public in all matters of importance to the general public. This department is dedicated by the city charter to the people to perform certain services in which the expenditures of public funds raised by taxation is an important consideration. The press is in a large sense a public servant, though privately owned, and it is a well known fact that upon the measure and degree of service rendered by the press its success depends, and therefore I feel that the city and press should work in harmony.

Our sewer system is in a bad condition at the present time and something must be done to relieve the situation. The city commission has employed Mr. Pierson, with the assistance of our city engineer, Mr. Royce, to draft a new set of sewer plans which would be suitable for the city's needs for many years to come. I am proud to say that the said plans have been recommended and signed by the state board of health and adopted by the city commission, and I would therefore recommend the construction of a sanitary sewer in the district known as Precinct No. 2, according to the plans lately adopted.

Our parks have been very popular with the public during the past year and I would recommend that parties



JOS. SLEDER
Commissioner of Public Works
and Property.



W. A. ROYCE
City Engineer.

filing plats be requested to dedicate a certain portion of the ground covered by the plat, to the city to be used for park purposes. I would like to see a strip of land purchased along the bay shore, west of Garfield avenue, for park purposes and would also recommend that about twenty acres of land be set aside at Keystone to be utilized for park purposes, and that each year some of the parks be improved and beautified.

I further recommend for the careful consideration, the following needs and improvements to be made in the near future:

Storm and overflow sewer.
Lights for parks and bridges.
Two horses and harnesses.
Five ton street roller.
Cement mixer.
Two dump wagons.
500 feet of hose.
Abuttment on the south side of river at N. Union street bridge, also same on south side of the river at Cass street.
Culverts on West Front street and on N. Division street.
Addition to tool house.
Cement and lumber.
New pump and electric motor.
Paving East Front street.
Cement curb and gutter on Washington street, E. Eighth street, W. Front street, Randolph street, and in the alley between Park and Union streets, south of Front street.

Re-surface State street paving.
Gravel Munson avenue from fair grounds to the city limits, east.

Gravel E. Eighth street from G. R. & I. R. R. right of way to Munson avenue.

The city properties to be repaired, painted and beautified.

Considerable work has been accomplished in preparation towards constructing better streets, crossings, sidewalks and bridges.

This department has used this past year 2,000 yards of crushed gravel, 1250 yards of common gravel, 595,62 tons of Petoskey crushed stone, 731 barrels of cement, 7650 gallons of tarvia, and has used 9,100,000 gallons of water for sprinkling the streets.

I wish to call attention to our good people not to dump garbage, bones, rags, ashes and such like into our sewers, as it forms a stoppage and trouble begins.

I take this opportunity to express my thanks for the experience and very able assistance rendered me by City Engineer W. A. Royce and by my street commissioner, Geo. Lutman, and to all those who have worked in this department during the past year.

Attached hereto is an inventory of the property in charge of this department and of the property in the city engineer's office.

Hoping this will meet with your approval and thanking you for past favors I am,

Respectfully,

Joseph Sleder,
Commissioner of Public Works and Property.

Inventory.

Land at corner Cass and Washington	\$ 1,000.00
Lake Ave. park	2,000.00
Bay street tool house and lot	1,200.00
Gravel pit (20 acres)	2,000.00
Third precinct building and lot	3,000.00
Market site, including tool house, weigh office	16,000.00
Second precinct building and lot	2,500.00
Hannah park	4,000.00
East Front St. park	7,500.00
Peninsula St. park	4,000.00
East Bay park	1,500.00
Bay street park	3,100.00
Dumping grounds	500.00
1 steam power mixer	200.00
7 sprinklers	1,400.00
1 steam roller	2,000.00
1 steam engine	700.00
1 street grader	125.00
1 truck wagon	35.00
3 dump wagons	245.00
9 snow plows	55.00
1 trench pump and hose	40.00
60 trench jacks	90.00
18 sidewalk frames	36.00
Paving brick	75.00
2 crow bars	2.00
5 street cleaning carts	25.00
14 picks	8.40
12 lanterns	7.00
10 hoes	3.00
4 rakes	1.40
2 lawn mowers	6.00
20 pavement scrapers	35.00
2 hand saws	3.00
2 snow scrapers	8.00
2 mattocks	1.20
1 crosscut saw	1.00
4 hammers	2.00
1 sewer rod	10.00

4 trestles	3.00	6 potato forks	9.50
1 trestle	3.00	1 130 feet 9 inch tile	155.50
6 trestles for barricades....	1.80	124 feet 12 inch tile	32.24
1 scraper	1.50	150 feet 15 inch tile	63.54
1 scraper chain	4.50	70 feet 24 inch tile	77.00
2 block and tackle	12.00	800 feet 4 inch tile	32.00
6 concrete tampers	6.00	54 feet 18 inch tile	34.90
1 vice	4.00	1 writing desk	15.00
3 neck yokes	2.25	3 chairs	3.00
2 hand axes	1.50	21 No. 2 shovels	10.00
1 pump and pipe	6.00	1 grind stone	2.50
5 sledges	3.75	2 set heavy harnesses	75.00
1 adze .....	.75	2 horses	700.00
7 hydrant wrenches	1.75	1 heating stove	18.00
4 hydrant reducers	2.00	1 flusher	900.00
1 heavy wagon	50.00	1 expansioner	10.00
1 20th Century road grader.	125.00	2 pair rubber boots	5.00
2 levels	1.50	1 stone crusher plant.....	1,700.00
2 hand screens	3.00		
3 pails	1.80	Total	\$58,239.83
2 set sidewalk finishing tools	2.00		
2 squares .....	.80	Inventory of City Engineer's Office.	
1 mixing box	1.00	1 roll top desk	\$ 20.00
1100 feet ¾ in. water pipe..	44.00	1 section filing cabinet	5.00
2 pipe wrenches	2.00	2 sections Macey book case	12.00
1 brick trowel .....	.60	1 filing cabinet	20.00
1 hose repair outfit .....	.50	1 filing cabinet	10.00
1 monkey wrench .....	.40	2 book racks	5.00
1 leveling scraper	2.00	1 drawing table	10.00
2 slush boxes	4.00	2 drawing boards and horses	8.00
200 feet 1½ in. water pipe..	20.00	1 map case	10.00
1 leveling block	1.00	1 chair	4.00
1 heavy tamp	2.00	1 blue print frame	8.00
2 cant hooks	1.50	1 blue print wash tray.....	2.00
1 set leveling pins	1.00	1 Fairbanks cement testing	
1 hand level	1.00	scale	75.00
5 pole axes	2.50	1 Buff & Buff transit.....	275.00
6 stone chisels	1.50	1 Gurley wye level.....	50.00
2 pairs brick tongs	2.50	1 range pole	2.00
2 pinch bars	1.50	1 leveling rod	1.00
1 tarpaulin	5.00	1 pocket leveling rod.....	2.50
3 one gallon oil cans .....	.75	1 100 foot steel tape	2.00
1 curb snow plow	10.00	6 filing catalog files	1.50
1 pair tongs for raising		1 steel straight edge.....	5.00
walks	5.00	Miscellaneous tools	6.00
1 farmer's handy wagon....	24.00		
1 farmer's plow	16.00		\$ 534.00
1 breakup plow	21.00		
1 gasoline cement mixer....	200.00		
400 feet garden hose	28.00		
5 dozen C. B. G. sprinklers..	8.75		
2 iron garden rakes	1.50		
3 sickles	1.05		
10 snow shovels	9.00		
2 garden spades	1.70		
1 wrench	1.50		
4 wheelbarrows	6.00		
40 lawn seats	30.00		
2 tarvia kettles	250.00		
6 tarvia cans	9.50		
1 brace and 3 bits	2.00		
1 pair sleighs	25.00		

Engineer's Report

January 4th, 1915.

To the Mayor and City Commission,
Traverse City, Michigan.

658—Gentlemen:—Attached hereto is
a report made to me by Wm. A. Royce,
City Engineer.

Respectfully submitted,

Joseph Sleder,

Commissioner of Public Works and
Property.

December 21, 1914.

Mr. Joseph Sleder, Commissioner of
Public Works and Property.



STATE STREET—LOOKING WEST FROM WELLINGTON STREET.



UNION STREET—LOOKING SOUTH FROM FRONT STREET.

Dear Sir:—I hereby submit to you a report of the work performed directly under my supervision during the past year.

Plans were prepared for a new reinforced concrete bridge to be built across the Boardman River on South Union street. In the spring it was decided by the Commission to repair the old structure. The mud sills of each bent were removed, and the old piles were cut off so that the new sills were placed under water. A few of the posts were replaced by new ones and the lower end of the rest were spliced making all as good as new. The roadway of the bridge was widened five feet by extending the walks two and one half feet out on each side. The cap on the top of each bent was replaced by a new one. The floor stringers were nearly all in good condition, only a few had to be replaced and new ones were added to make up the extra five feet in width. The roadway was covered with three inch oak plank and later this was covered with a coating of tarvia and stone chips. New sidewalk stringers were laid and covered with new plank on each side of the bridge. New railings were built and painted green to correspond with the color adopted for the other city bridges and culvert railings. The bridge as it now stands is in good condition, as far as the timber is concerned, and with the extra width makes a better bridge than before.

The floor system of East Eighth Street bridge was found to be in poor condition. The walks were removed and new stringers and plank were laid. The trusses over the long span in the center of the bridge were replaced by new ones. The stringers along the rest of the roadway will have to be new as soon as the bridge is replanked. New railings were also added to each side, and the pile bents strengthened by additional sway bracing.

The floor system of Cass Street bridge was overhauled. New trusses were placed at the longest spans. New sidewalk stringers and plank were laid the entire length of each side of the bridge. The roadway was covered with 2 inch maple plank laid on top of 1 inch tamarack boards with tar between. This plank was then covered with about two inches of tarvia and stone.

The planking and a part of the stringers on the two steel bridges will have to be replaced during the coming year.

Curb and gutter was laid on Cass Street from Ninth Street north to the alley between 8th and 9th streets on Park Street from Front Street north to the bridge, and on N. Union street from the bridge north to Bay street.

1643 lineal feet of new sidewalks were laid at a cost of \$0.68 per sq. yd. including the cost of tools used and the necessary grading. Five crosswalks were constructed.

A concrete chute was built to carry the storm water from Front Street pavement to the river at the foot of Boardman Avenue. No sanitary sewers were laid during the past year, but several short storm sewers were constructed. A storm water overflow was placed at the intersection of East Eighth St., and Wellington St. carrying the water which rises in the manhole at this intersection south on Wellington St. to a point south of the Basket factory buildings, thence west to Boardman Lake, a total distance of 540 feet.

24 inch cement tile were laid on Madison street to carry the creek across Randolph street and to a point about 180 feet south of the south line of Randolph street where the creek turns to the east. The same size tile were laid diagonally across the intersection of Wayne and Spruce Streets carrying the water of the creek above mentioned. This creek runs from this point east on Wayne street to Cedar street thence north on Cedar street to Bay street, thence across Bay street to the Bay. This creek is now carried by two small tile across Bay Street and has caused lots of trouble so I recommend that 24 inch tile be laid in the spring replacing the smaller tiles.

A 24 inch cement pipe storm sewer was laid from the Bay at the foot of Maple street across the city property, thence south on Maple street to the south side of Randolph street. Inlets were provided at the north and south sides of Randolph street to care for the storm water that collects at this point.

Respectfully submitted,

Wm. A. Royce.

Weighmaster's Report

January 4th, 1915.

To the Mayor and City Commission,
Traverse City, Mich.:

659—Gentlemen: Attached hereto is a report of the city market as made to me by City Weighmaster H. A. Jobbett for the period from Jan. 1st, 1914, to Jan. 1st, 1915.

Respectfully submitted,

Joseph Sleder,

Commissioner of Public Works and
Property.

To the Honorable Mayor and City
Commissioners:

I herewith submit my report of the total amount of all products weighed

over the city scales from Jan. 1, 1914, to Jan. 1, 1915, inclusive.

H. A. Jobbett,

Weighmaster.

Wire, 1; bones, 5; carrots, 3; stone, 16; ice, 85; paper, 12; apples, 77; breeze, 2; bran, 1; household goods, 18; hides, 2; tan bark, 6; tallow, 3; cabbage, 2; implements, sleighs and wagons, 4; autos, 16; iron, 47; coal, 318; coke, 789; poultry, 9; sheep, 129; hogs, 833; cattle, 186; horses, 405; cornstalks, 11; straw, 40; hay, 509; beans, 8; rye, 3; wheat, 4; oats, 110; corn, 105; potatoes, 3,034; lime, 2; burlap, 1; salt, 9; rubber, 3; men, 2; ashes, 1; heading, 1; cucumbers, 1; cherries, 3; buckwheat, 4; wood, 2; squash, 1; lumber 11.

Horses, cattle, hogs and sheep are numbers, not loads.



J. O. CROTSER
Commissioner of Public Health
and Welfare.



WM. GIFFORD
City Electrician.

Department of Public Health and Welfare

JOS. O. CROTSER, Commissioner

Water Works

Traverse City, Mich., Jan. 4th, 1915.
To the Mayor and, Commissioners,
Traverse City, Michigan:

660—Gentlemen: The following is a summary of the work in the water works department for the past fiscal year, January 1st, 1914, to December 31st, 1914:

Mains Laid.

Six inch main on East Front street from Garfield avenue to fair grounds, hydrant placed, 683 feet.

Six inch main on Lincoln street, from Fern street east, hydrant placed, 410 feet.

Six inch main on Barlow street, connecting mains on East Eighth street and Webster street, 531 feet.

Six inch main on East Fourteenth street, from Union street across Cass street, hydrant placed, 995 feet.

Six inch main on Pine street, from Front street south to bank, south end of Potato Implement factory, hydrant, 315 feet.

Four inch main on East Twelfth street, from Cass street east, 1 hydrant, 348 feet.

Total number of mains laid, 3282 feet.

The following fittings were used for the laying of above mains:

Five 6-inch valves, one 4-inch valve, five hydrants, six 6x6 T connections, one 4x4 T connection, four 6-inch plugs, one 4-inch plug.

The records show 890,150,000 gallons of water pumped, an average of 2,436,589 gallons per day for the year. Allowing 5 per cent slippage, there has been pumped 845,642,500 gallons, or an average of 2,311,380 gallons per day. July we pumped the most water,

117,144,000 gallons. May 3rd and November 1st were our smallest days' pumping, 1,584,000 gallons being pumped. The largest amount pumped in any one day this year was 5,720,000 gallons on July 22nd. More water has been pumped this year than ever before, probably owing to the increase in taps and extreme dry weather in May, June and July.

During the year the following improvements and repairs have been made at the plant:

New 6 inch and 4 inch steam line has been installed, connecting the boilers to pumps, replacing the old pipes that have been in use many years. The best double strength pipe was used and the best valves.

A new front has been put on boiler No. 2; this was done to improve the boiler and for economy in fuel.

The old sheet iron smoke stack was taken down.

When the new boiler room was built no coping was put on to protect the roof; this year coping has been placed around the entire building.

The walls and ceiling of the engine room have been painted.

Seventy-five new taps have been installed this year and about one hundred new meters set.

Attached hereto is a profit and loss statement and balance sheet as made by A. A. Keiser, auditor, and also the inventory taken of the water works properties.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

WATER DEPARTMENT.

City of Traverse City, Michigan.

Balance Sheet.

December 31, 1914.

Assets.

Deposits	\$ 28,976.08
Accounts Receivable—Meter current, \$2,119.29; material sold, \$17.87	2,137.16
Expense Inventories—Packing, \$16.50; coal, \$350.00; oil and grease, \$10.75; soap, \$5.40; boiler compound, \$30.00; Mazda lamps, \$2.40; waste, \$.90; insurance, \$169.76	585.71
Plant—Real estate, \$8,-960.00; buildings, \$13,-965.00; boiler No. 1, \$2,-000.00; boiler No. 2, \$2,-000.00; pump No. 1, \$19,-000.00; pump No. 2, \$19,-000.00; intake, \$5,000.00; auxiliary machinery, \$745.00; mains, \$131,-107.99; taps, \$19,134.23; meters, \$8,137.12; hydrants, \$9,579.30; miscellaneous equipment, \$1,-608.50	\$240,237.14

Total\$271,936.09

Liabilities and Ownership.

Bonds	\$121,667.00
Accrued interest	1,321.47
Depreciation reserve.....	47,444.96
Schedule rates advanced...	2,053.85
Ownership	85,229.22
Current year's profit.....	14,219.59

Total\$271,936.09

WATER DEPARTMENT.

City of Traverse City, Michigan.

Income and Expense, Year Ending December 31, 1914.

Pumping Expense.

Engineers	\$ 1,890.00
Firemen	1,566.00
Fuel—Labor, \$140.57; coal, \$570.45; wood, \$1,862.50	2,573.52
Oil	113.46
Soap	16.50
Waste	13.60
Packing	75.80

Electric:—

Light current	220.36
Power current	21.88

\$ 6,491.12

Maintenance Expense.

Boiler No. 1.....	\$ 503.61
Boiler No. 2.....	248.16

Pump No. 1.....	164.32
Pump No. 2.....	241.42
Electric—	
Lamps	35.48
Wiring	2.35
Building	344.97
Mains	160.84
Hydrants	515.23
Meters	166.43
Intake	54.00
Auxiliary machinery	137.70
Grounds	150.02
Sprinkling valves	87.15
Services	267.75
Stack	114.40
Miscellaneous equipment..	9.40

\$ 3,203.23

Chloride 31.32

General Expense.

Office—

Clerk hire	\$ 1,019.50
Printing and stationery..	50.05
Supplies	17.46
Telephone	13.25
Telegraph	2.36
Laundry	6.07
Insurance	362.93
Interest	5,214.20
Incidental:—	
Reading meters	114.00
Inspections	57.00
Draying	2.10
Turning off and on.....	266.00

\$ 7,124.92

Outside Revenue Expense.

Extra labor (park, cemetery)	\$ 41.00
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WATER DEPARTMENT.

City of Traverse City, Michigan.

Income and Expense, Year Ending December 31, 1914.

Revenue, Water Sales.

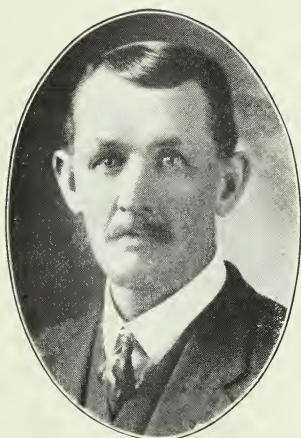
Schedule rates	\$ 11,579.90
Meter rates	8,701.79
Sprinkling—	
Streets	335.00
City cemetery	350.00
Catholic cemetery	33.50
Hydrants	8,855.00
Extra water	11.94

\$ 29,867.13

Revenue, Miscellaneous.

Taps	\$ 387.50
Installing meters	69.00
Labor sold	127.34
Interest on deposits	660.21

\$ 1,244.05



W. S. WILLIAMS
Supt. of Water Works.



WATER WORKS PLANT.

Summary.

Revenue, water sales.....\$ 29,867.13
 Less pumping expense..... 6,491.12

Pumping profit\$ 23,376.01
 Revenue, miscellaneous.... 1,244.05

\$ 24,620.06
 Less — Maintenance, \$3,-
 203.23; chloride, \$31.32;
 outside revenue expense,
 \$41.00 3,275.55

Gross profit\$ 21,344.51
 Less general expense 7,124.92

Net profit\$ 14,219.59

Health Officer's Report

Traverse City, Mich., Jan. 4, 1915.
 To the Mayor and Commissioners,
 Traverse City, Mich.:

661—Gentlemen: I attach hereto report made to me by E. L. Thirlby, city physician, covering the period of January 1, 1914, to January 1, 1915.

Dec. 28, 1914.

Honorable Mayor and Members of
 Commission, Traverse City, Michigan:

Gentlemen: The year about to close has, in some respects, been a very good one from a healthful standpoint for the citizens of Traverse City. The commission has done some things to bring about a more sanitary condition and tried to do others, with the result that the amount of sickness the city has had has been considerably less than in any former year.

A year ago last June an apparatus for the purification of the city water was installed, and although our water had never previously been proved the cause of illness, it is a noticeable fact that typhoid fever has been much less prevalent than before.

This year a proposition which had to do with a sewage system and a sewage disposal plant was submitted to the people, with the result that it was voted down by a large majority. Something will have to be done in the near future dealing with this important matter and the new commission should not let the matter drop, but should do everything in its power to clear up the situation.

Another important matter is the garbage question. At present we have absolutely no means of garbage dis-

posal and many residents during the hot summer months have no means of destroying their refuse. Garbage breeds flies and flies spread disease, and so I would strongly urge the commission to work with the board of health and formulate plans for the proper collection and disposal of garbage.

The commission in April passed an ordinance compelling owners of all property lying in the sewer district to connect with the sewer. This ordinance went into effect October 1, and since then notices have been served on many owners compelling them to connect. In the spring those who have not already done so will be obliged to comply with the ordinance and our city will then be much more sanitary than it now is.

The following is a list of contagious diseases reported during the year:

Measles, 29; diphtheria, 16; tuberculosis, 2; typhoid fever, 5; scarlet fever, 5; chicken pox, 3; smallpox, 1.

Respectfully submitted,

Edwin L. Thirlby,
 Health Officer.

The board of health of the city have held regular monthly meetings and much good has been accomplished by the supervisors giving personal attention to various cases coming within their jurisdiction.

An ordinance relative to public health was passed by the commission on August 17th, 1914, which makes it possible to deal with offenders locally, which will assist greatly in maintaining the general health conditions of the city.

During the past year there have been 170 births in the city. There have been 247 deaths, of which 142 occurred at the State hospital. The remaining 105 for the city were of the ages as follows:

Stillborn	11
One day to one year	8
1 year to 15 years	9
15 to 30 years	6
30 to 50 years	9
50 to 80 years	49
Over 80 years	13

Total105

I feel that I cannot recommend too strongly the needs of a sewage disposal plant such as has been outlined and full plans arranged for by competent authority and fully approved by

the state board of health. This is best explained by the various tests that have been made of our drinking water, which proved beyond doubt that it is unsafe to draw our drinking supply from the same source into which is dumped daily the discharge from our present sewer system.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

Visiting Nurse

Traverse City, Mich., Jan. 4, 1915.

To the Mayor and Commissioners,
Traverse City, Mich.:

662—Gentlemen: I attach hereto report made to me by Pearl S. Watters, visiting nurse, covering the period of January 1, 1914, to January 1, 1915.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

Report of Visiting Nurse Service from January 1st, 1914, to Jan. 1st, 1915.

Total number of patients nursed in the year, 244.

Total number of visits made, 1115.

Visits for Met. Life Ins. Co....	435
Visits for Grand Traverse Co....	81
Visits for Anti Tub. society...	8
Visits for pay cases.....	159
Visits for B. A. C.....	432

Total 1115

Received from Met. Co.....\$ 217.50

Received from county cases.. 44.50

Received from pay cases.... 80.50

Received from Anti Tub..... 4.00

\$ 346.50

Sanitary Police Work—Number of families, 35; number of visits, 205.

Special Work, Juvenile Court—One patient taken to Lapeer Home, 3 patients taken to Ann Arbor hospital, 2 children taken to Coldwater Home, 2 girls taken to Adrian.

Pearl S. Watters,

Visiting Nurse.

Meat and Milk Inspector

Jan. 4th, 1915.

To the Mayor and City Commission,
Traverse City, Mich.:

663—Gentlemen: I attach herewith the report of Dr. O. H. Core, meat and milk inspector, for the period

from Jan. 1st, 1914, to Jan. 1st, 1915.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

Traverse City, Mich., Dec. 28, 1914.
To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan:

Gentlemen: In submitting my annual report as city meat and milk inspector, will say I have made 75 visits to dairy farms, 50 visits to meat markets, 12 visits to dairy depots, 85 inspections of milk wagons, 240 tests of milk and 60 tests of cream.

In making these inspections I covered approximately 1200 miles and spent 750 hours.

At the time of any specific outbreak of disease in cattle, either local or generalized throughout the country, the officers in charge, rather state or federal, will recommend boiling all milk for family use as a preventive of any such disease being transmitted to human beings. In one of our largest cities during the recent outbreak of foot and mouth disease the officials condemned all milk not pasteurized. In most of the large cities of the United States, and even in some of our sister cities of our own state, they have an ordinance whereby all milk sold in the city must be pasteurized, and I would suggest that the pasteurization of milk sold in our city be considered by the mayor and commissioners with the view of passing an ordinance similar to our sister cities. At the present time about one-fourth of the milk sold in Traverse City has been pasteurized.

Respectfully submitted,

O. H. Core, D. V. M.,

Meat and Milk Inspector.

Cemetery

January 4th, 1914.

To the Mayor and Commissioners,
Traverse City, Mich.:

664—Gentlemen: Hereto is attached an inventory of the cemetery properties, together with reports of the receipts and disbursements in this fund for the period from January 1st, 1914, to January 1st, 1915.

During this period there have been 38 lots sold and 11 single graves. The greater part of this number are lots in the new or second addition to our cemetery.



PEARL S. WATTERS
Visiting Nurse and Police Matron.



CENTRAL METHODIST EPISCOPAL CHURCH.

The total number of graves dug during this period are 139.

Early in February of this year an ordinance was passed fixing a schedule of rates for the perpetual care of lots, so that anyone desiring to have their lot taken care of in this manner can arrange for same by calling at the clerk's office.

There has also been passed this year a resolution whereby all moneys received from the sale of lots at the cemetery are to be kept in a separate fund, to be used exclusively for the extension and improvement in the cemetery.

Respectfully submitted,

J. O. Crotser,

Commissioner of Public Health and Welfare.

Inventory of Cemetery Equipment,
January 1, 1915.

5,000 feet $\frac{3}{4}$ inch hose.....	\$ 300.00
90 sprays	15.00
2 lawn mowers	4.00
4 steel rakes	1.00
3 lawn rakes .....	.30
2 shovels	1.00
1 spade .....	.50
1 pair pruning shears	2.00
2 wheelbarrows	2.00
2 pair sheep shears	1.50
2 pipe wrenches	2.00
1 grindstone	1.00
3 scythes and snaths	3.00
15 iron benches	30.00
22 wooden benches	20.00
1 wagon	10.00
1 set sleighs	8.00
3 large size grave curbing..	7.50
5 small size grave curbing..	7.00
1 12-foot step ladder	3.00

Total\$ 418.80

City Pound Master and Scavenger

Traverse City, Mich., Jan. 4, 1915.

To the Mayor and Commissioners,
Traverse City, Mich.:

665—Gentlemen: I attach hereto report made to me by George W. Gagner, sanitary police and pound master, covering the period of January 1, 1914, to January 1, 1915.

Respectfully submitted,

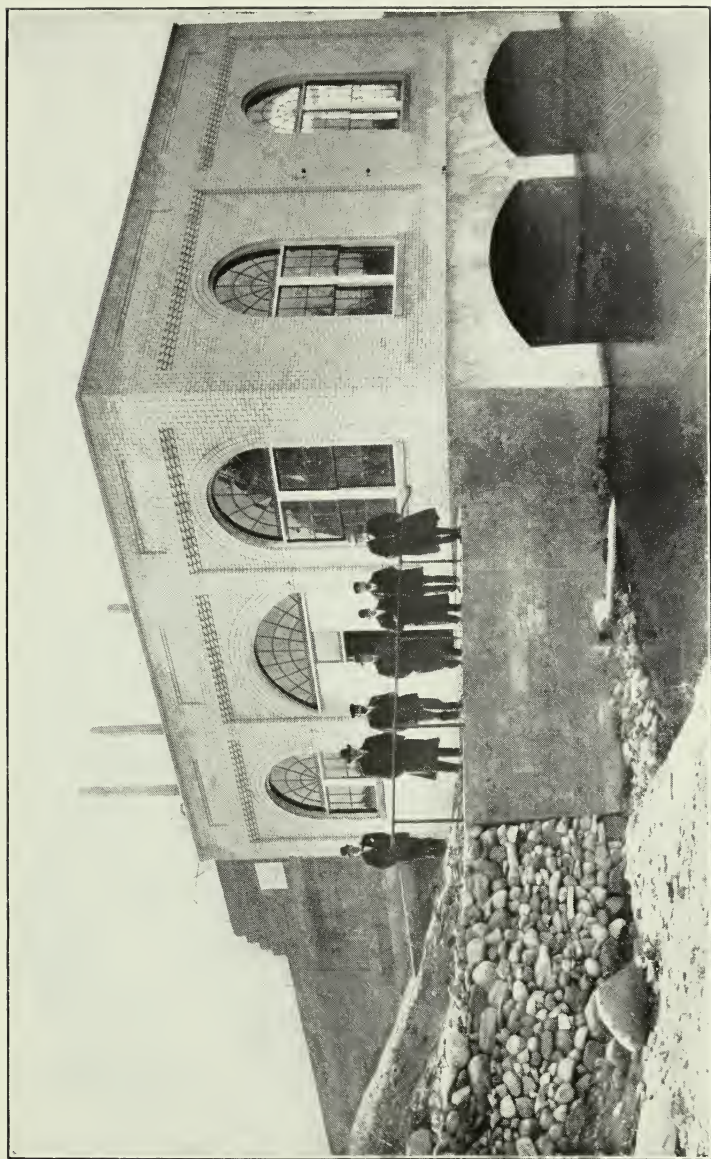
J. O. Crotser,

Commissioner of Public Health and Welfare.

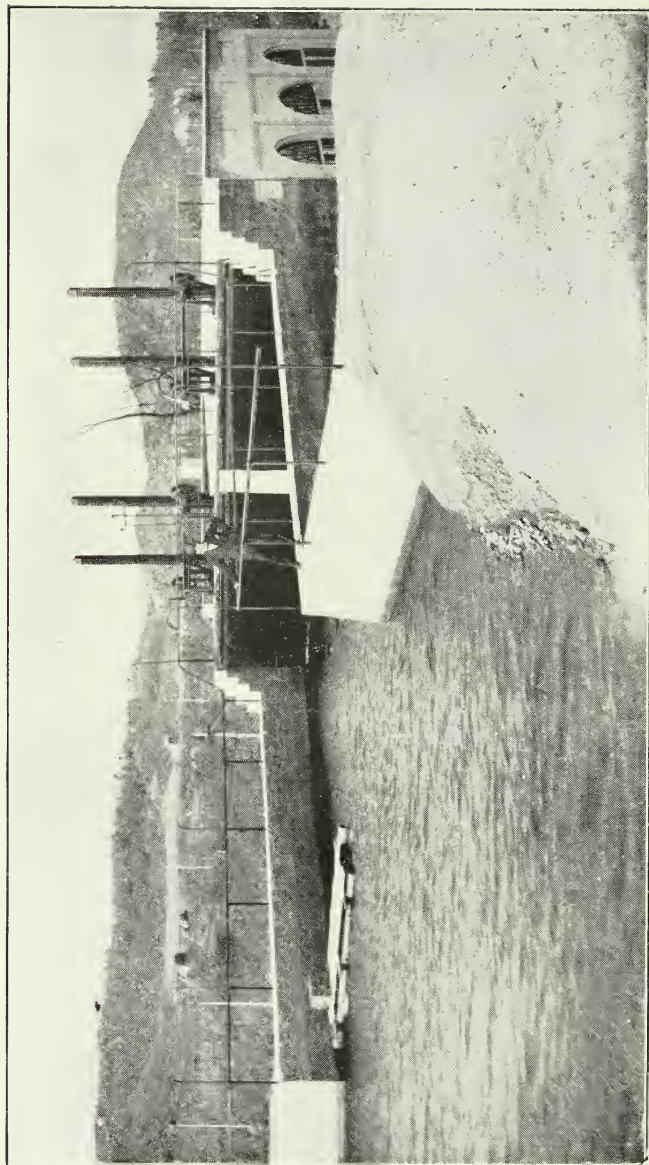
To the Honorable Mayor and Commissioners:

Report from year from Jan. 1, 1914, to
December 27, 1914:

Dogs killed, buried	171
Horses killed, buried.....	14
Horses died, buried	78
Cats killed, died, buried.....	23
Dogs in pound and redeemed....	37
Horses in pound and redeemed...	18
Cows in pound and redeemed....	27
Chickens in pound and redeemed	9
Horses in pound at present time..	2
Cows in pound at present time..	1
Dogs in pound at present time....	26
Rabbits in pound at present time	2
Horses in pound for not being tied or weighted	11
Female dogs running at large caught and killed	16
Dogs run over by automobiles....	7
Dogs run over by train.....	4
Dogs found dead in river.....	3
Dogs found dead in alleys.....	2
Dogs sold and sent out of city lim- its	24
Dogs sold inside of city limits and received taxes for same.....	6
Calves died and buried.....	2
Cows died and buried	1
Pigs died and buried	7
Rabbits died and buried.....	5
Chickens found dead and buried..	15
Turkeys found dead and buried..	1
Closets cleaned	627
Cesspools cleaned	17
Rubbage removed, places.....	39
Garbage removed, places.....	128
Notices served for cleaning clos- ets, yards and alleys.....	64
Notices served for sewer connec- tions	31
Notices served and arrests made for burying closets, not paying dog tax and leaving chickens run at large	18
Warrant sworn out and arrest made for keeping house of ill fame	1
Calls made through chief of police	57
Connected to sewer this year....	46
Closets cleaned where sewer con- nections were made	19
Closets in Traverse City not con- nected at present time	1463
Cesspools in Traverse City not connected at present time.....	22
Sewer connections started but not finished at present time.....	6
Closets in Boonville not connect- ed: Private houses 33; school house, 1; factory, 1; total.....	35
Places visited in regard to dog taxes	71



VIEW OF CITY POWER HOUSE.



UPPER VIEW OF DAM.

Less wiring cost.....	3,214.42
Gross wiring profit.....	305.21
Summary.	
"Current" profit	\$21,318.06
Store profit	2,273.89
Profit and loss	38.83
Wiring profit	305.21
61½ Land revenue	364.00
63 Rent revenue	26.29

Total gross profit	\$24,326.28
Less general expense	10,758.23

Net profit	\$13,568.05
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Assets.

40 Deposits	\$ 7,431.06
41 Accts. receivable, mdse.	1,034.91
60 Accts. receivable, current	2,592.44
Inventories:	
Store	3,863.72
Insurance	43.70
42 Poles and cross arms..	187.00

Plant:

43 Buildings	3,177.61
44 Dynamos and switch boards	12,278.93
45 Water wheels	7,394.80
46 Dam and flumes.....	38,405.09
47 Pole lines	12,181.65
48 Arc lights	8,546.80
49 Transformers	9,687.58
50 Meters	5,044.21
52 Wiring	10.00
53 Tools	776.09
56 Sub-station	8,679.06
57 Office furniture and fixtures	323.88
58 Distribution lines.....	30,608.29
61 Land	22,690.40
62 Office building	1,500.00

\$176,457.22**Liabilities.**

70 Bonds	\$150,000.00
72 Accounts payable	17.70
75 Accrued interest.....	531.25
73 Depreciation reserve....	3,458.59
74 Ownership	8,881.63
Profit current period....	13,568.05

\$176,457.22

Traverse City, Mich., Jan. 1st, 1915.
Mr. J. O. Crotser, Commissioner of
Public Health and Welfare, Traverse
City, Michigan:

Dear Sir: I take pleasure in submitting for your consideration and approval a brief summary of what has been accomplished by the electric

light and power department of this city during the year 1914.

I wish first to express my thanks and keen appreciation to yourself, as commissioner of this department, to the mayor and other members of the commission, and to the people of Traverse City for the assistance and staunch support, which has made it possible for this department to secure the results which have been obtained.

During the year 1914 the following extensions and installations were made:

Twelve arc lamps installed, bringing the number of arcs now in service up to 138.

Four boulevard post lights installed on S. Union street bridge.

The primary lines were extended south from the Brown Lumber Company's mill on Lake avenue, across the properties of the Pere Marquette R. R. Company to their new coal dock, and secondary installations were made to take care of all their power and lighting business, both at Boardman and Traverse City. The necessary extension and transformer installation has been made for furnishing current for power and lighting purposes to the candy factory of Straub Bros. & Amiotte.

A line was built out to the end of the pier at the mouth of Boardman river and lights installed there for the guidance of small craft wishing to enter the river at night.

Six lights have been installed in the alley north of Front street between Park and Union streets.

Much effort has been made during the past year toward prolonging the life of the poles of the system, by the use of tar and other wood preservatives. Every pole in the main line between the city offices and the power house has been treated as well as a large number of poles throughout the city.

The plant throughout is in excellent operative condition at the present time.

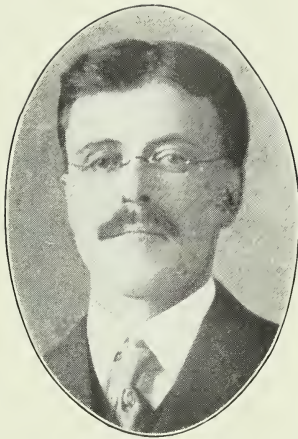
The city has in service at the present time 138 arc lights on which the city is realizing a saving of approximately \$12.00 per year on each light over the price formerly paid, or a saving of \$1,650 per year. This saving, coupled with the fact that the consumers of light and power are enjoying greatly reduced rates, and that

the books of the department, as audited and attested by A. A. Keiser, auditor, show that a net profit, above all expenses, of \$13,568.05 was earned during the year 1914, shows conclusively that the city electric light and

power department is an asset of which the people of Traverse City may well be proud.

Respectfully submitted,

William Gifford.
Superintendent.



JAS. H. McALLISTER
Commissioner of Public Safety.



BEN. F. CARSON
Chief of Police.

Department of Public Safety

JAS. H. McALLISTER, Commissioner

Police Department

Jan. 4th, 1915.

To the Mayor and City Commission,
Traverse City, Mich.:

667—Gentlemen: I present herewith the annual report as made to me by Chief of Police Ben F. Carson for the period from Jan. 1, 1914, to Jan. 1, 1915.

Respectfully submitted,

Jas. H. McAllister,

Commissioner of Public Safety.

To the Honorable, the Mayor and City Commissioners of the City of Traverse City:

I hereby submit my report of the police department for the year ending December 31, 1914:

Number of arrests	342
Drunk and disorderly	163
Vagrancy	72
Larceny	20
Burglary	7
Assault and battery	9
Begging	6
Non-support	1
Insane	4
Speeding automobile	18
Speeding motorcycle	5
Riding bicycle on sidewalks.....	3
Riding motorcycle on sidewalks..	3
Driving automobile on sidewalks..	1
Carrying concealed weapons.....	1
Shooting in city limits	1
Refusing to clean closet.....	1
Violation of cigarette law.....	2
Peddling without license	2
Draying without license	1
Not paying dog tax.....	3
Running automobile without lights	1
Operating car without chauffeur's license	1
Taking automobile without leave of owner	6
Violation of traffic regulation....	2

Refusing to move on street and blocking traffic	1
Held for sheriff of Mishawauka, Ind.	1
Held for sheriff at Flint, Mich...	1
Indecent exposure	1
Using indecent language on street	1
Lewd and lascivious cohabitation	2
Breaking lock and entering car..	1
Breaking into and robbing saloon	1
Bicycles reported lost or stolen..	86
Bicycles recovered and returned to owners	64
Lost children returned to parents	16
Telephone calls investigated.....	2046
Expenses for year:	
Salaries, regular	\$4,248.49
Salaries, special	36.00
Livery	45.00
Flashlight bulbs .....	.75
Flashlight batteries	1.50
Mop .....	.85
Glass in coop door	2.25
Dray	2.00
Valve for radiator in coop....	.60
Cuspidors .....	.24
Stop watches	12.25
Telephone toll	1.40
Office rent	80.00
Telephone rent	42.00
Police matron	120.00
Police badges	4.15
Light	18.00
Compensation insurance	162.08

Total expenses

Respectfully submitted,

Ben F. Carson,

Chief of Police.

Jan. 4th, 1915.

To the Mayor and City Commission,
Traverse City, Mich.:

668—Gentlemen: I have the honor to herewith submit to you the annual report of the city fire department, as made to me by Fire Chief T. C. Mur-

ray for the period from Jan. 1st, 1914, to Jan. 1st, 1915.

Respectfully submitted,

James H. McAllister,
Commissioner of Public Safety.

Fire Department

Traverse City, Dec. 31, 1914.

To the Honorable, the Mayor and Commissioners of the City of Traverse City, Michigan:

Gentlemen: I have the honor to herewith submit to you the annual report of the Traverse City fire department for the year ending December 31, 1914.

This report, in which will be found a record of the operations of the department for the last twelve months is the eighteenth annual report of this department.

The number of alarms responded to, the losses by fire, with the amount of insurance thereon, together with other information relative to this department as is of interest to your honorable body.

During the year the department responded to 82 alarms, traveled 59 miles, laid 34,000 feet of hose and worked 138 hours at fires, on which the total loss amounted to \$36,950, with a total insurance on same of \$118,800. The insurance over the loss was \$81,850.

Causes of Fires: Defective chimneys, 12; defective furnaces, 8; carelessness with cigars and cigarettes, 6; sparks from chimneys, 9; oil stove explosion, 3; gasoline explosion, 2; spontaneous combustion, 4; children playing with matches, 2; lightning, 2; friction, 1; fireworks, 3; unknown, 5; chimney fires, 23; false alarms, 2.

Receipts.

Balance Jan. 1st, 1914.....\$ 976.60
Transfer 1914 general tax... 18,141.85

Disbursed.

Regulars	\$ 5,961.20
Special	20.00
Truck Co. No. 1.....	222.00
Hose Co. No. 3.....	134.00
Hose Co. No. 4.....	172.50
Hose Co. No. 5.....	80.00
Dues and expense to convention	85.00
Rent of Fifth ward hall for hose cart	6.00
Light	55.90
Telephones	36.50
Fuel	190.83

Hay, feed, etc.....	627.33
Department expense	106.57
New equipment	1,130.39
Repairs to equipment.....	105.15
Water	12.60
Gas	20.27
Horse shoeing	116.30
Battery supplies	93.05
Freight, cartage, express....	22.93
Veterinary and medicine ...	5.00
Repairs to building	137.86
Transfers—Hydrant rental, \$8,855.00; compensation insurance, \$356.95	9,211.95

\$18,553.33

Receipts	19,118.45
Disbursed	18,553.33

Balance on hand\$ 565.12

Fire Department Property.

5 horses	\$ 1,475.00
5 harnesses	215.00
7 horse blankets	21.00
2 combination hose and ladder wagons	800.00
2 hose sleighs	200.00
1 exercise sleigh	25.00
1 exercise wagon	75.00
4 hose carts	300.00
1 hook and ladder hand truck	75.00
1 55 foot extension ladder..	135.00
3 25 foot extension ladders..	165.00
2 16 foot roof ladders.....	56.00
50 feet of 3 inch hose	60.00
6,000 feet of 2½ inch hose..	5,000.00
10 nozzles	210.00
3 hand extinguishers.....	45.00
2 Sibien nozzles with hose..	75.00
1 insulated wire cutter.....	25.00
1 hose shut off	15.00
2 Ahrens steam fire engines	8,000.00
2 connections	20.00
1 reducer	10.00
2 two-way siamese	20.00
1 Pyrine extinguisher	5.00
1 hose expander	15.00
33 Gamewell fire alarm boxes	3,995.00
5 Signalphone alarm boxes..	325.00
14 miles of overhead wire..	485.00
1 Gamewell indicator	100.00
1 Gamewell punch register at water works	75.00
1 Gamewell alarm gong at water works	50.00
1 Signalphone punch register	50.00
1 Signalphone gong	18.00
58 gravity battery jars and contents	45.50
1 switch board	25.00
11 beds	100.00
11 mattresses	28.00



THOS. C. MURRAY
Fire Marshal.



CASS STREET FIRE DEPARTMENT.

32 blankets	64.00	Water	28,976.08
32 sheets and 14 pillows....	45.00	General sewer	1,818.85
1 writing desk	25.00	Library	1,211.68
16 chairs	40.00	E. Ninth street	5'
2 brass sliding poles	35.00	Contingent	1,039.26
1 chief's buggy	73.00	Light	2,291.59
4 axes	8.00	Wash. St. Imp	23.79
4 runners for engines	50.00	Wharf	15.84
Skids for loading engine....	30.00	Park	2,159.62
1 bench vise	3.75	Bridge	191.27
1 stove	4.50	Eighth St. No. 2.....	285.02
		Printing	748.92
Total	\$20,716.75	Fire	565.12
In conclusion I desire to tender my		Salaries	4,300.98
sincere thanks to his honor, the may-		Police	3,013.58
or, and commissioners for the hearty		W. Seventh St.	1,159.38
support given this department.		State tax	3,236.70
Respectfully submitted,		County tax	5,280.97
T. C. Murray,		County road tax	2,384.24
Fire Marshal.		General city tax	836.92

669—Trial Balance City Treasurer's
Books, Dec. 31, 1914.

	Cr.		Dr.
Park street	\$ 63.50	Eighth St. No. 1.....	\$ 29.41
Wash. St. No. 2.....	108.52	Wash. St. No. 1.....	46.39
Lateral No. 6, Dist. No. 1....	243.22	Cash and checks	2,930.09
E. Light and Power.....	7,424.31	People's Savings Bank and	
Cemetery	1,965.16	S. and Co. deposit.....	8,653.61
Fifth street	187.52	People's Savings Bank and	
Lateral No. 5, Dist. No. 1....	18.30	city deposit	78,387.87
Wadsworth street	97.94		
General street	2,504.38		\$90,047.40
Interest and sinking	17,425.63	I. M. Winnie, City Treas.	
Lateral No. 4, Dist. No. 8....	410.10	Jan. 4, 1915.	

City Library

Trustees' Report

To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan:

670—Gentlemen: The board of trustees of the Public Library of the City of Traverse City have the honor to submit their eleventh annual report. The board of trustees is pleased to note that the work of the library has made a remarkable growth during the past year; especially is this true of its work with the public schools, both in the grades and in the high school. There is a marked increase in the use of reference books by high school students and by the general public. The number of patrons in the reading room shows an increase of 960 over the year 1913.

The parlors have been used throughout the year by the Woman's club, and four high school literary and debating societies hold weekly meetings there during the school year. The library is of great assistance to the high school students of history, English and literature, and here they do much of their reference work in these subjects.

If the work of the library continues to grow, and we have every reason to think that it will, we shall be in duty bound to increase the salaries of our librarians, who have worked faithfully and efficiently for several years on very meager compensation.

The library building has been occupied for the past ten years and it is now much in need of painting and other repairs.

The general public is continually asking for books which we cannot purchase on account of limited funds.

In view of these facts it is necessary that we receive an appropriation for the year 1915 equal to the amount

stated in the budget which has been presented to you.

The trustees and the librarians will make every effort within their means to meet the needs of the public schools and of the general reading public. With this end in view we hope that societies, clubs, business men, professional men and teachers will feel free to offer suggestions for the improvement of the library and for increasing the good work which the library is now doing.

In conclusion the board desires to thank you for your interest in this important branch of our city government.

Respectfully,

Mrs. Julia Umlor,
Lee Hornsby,
Leon F. Titus,
Board of Trustees.

Librarian

To the Board of Library Trustees:

I have the pleasure of presenting to you the eleventh annual report of the Traverse City Public Library for the year January 1st to December 31st, 1914.

Circulation.

The circulation for this year was 30,168 volumes from the main library and 11,502 volumes from the branch library, making a total circulation of 41,670 volumes, an increase of 1,418 volumes over the report of 1912-13. A slight decrease in the circulation of Fiction and Juvenile fiction is noted this year.

Reference and Reading Rooms.

This year has shown a marked increase in the demand for Reference work, 960 more visiting the reading-rooms than in any other previous year.

The following are some of the books added to help with the reference work:



MRS. JULIA UMLOR
Library Trustee.



MISS ALICE M. WAIT
Librarian.



LIBRARY BUILDING.

Century Dictionary and Cyclopedia, new edition, 12 volumes.

Champlin, J. D. ed.—Cyclopedia of Painters and Paintings, 4 volumes.

Grove, Sir George, dictionary of music and musicians, 5 volumes.

McLaughlin & Hart, Cyclopedia of American Government, 3 volumes.

Miller, M. M., Great Debates in American History, 14 volumes.

Pearson, P. M. ed. The Speaker, 8 volumes.

Books

During the year 625 books were added to the library and 216 to the Branch library.

Notable among the additions were the Ideal Home Music Library, comp. by A. E. Wier, 10 volumes. A number of books on Norway and Sweden to help the Woman's club in their study of those countries.

In November we purchased a number of the small books and magazines on Needlework and Crocheting. These are loaned for one week and have proved to be very popular.

Rental Collection.

The Rental Collection continues to grow and this year 72 books were added at the sum of \$72.66. 60 books have been withdrawn from the Rental and placed with the general collection of fiction.

Work With the Children.

This year 9,623 juvenile fiction books were issued showing an increase of 426 over the report of 1912 and 1913. 7,523 children have visited the reading-rooms showing an increase of 488.

Many new books were added for their interest and pleasure. Among these were Carpenter's Geographic Readers and Harper's Young People's Library Tools.

Story Hour.

1,514 children attended the Story Hour which is held Tuesday afternoon at 4 p. m. at the main library and Wednesday afternoon at the Oak Park schoolhouse.

Branch Library.

There were issued this year 11,502 volumes from the branch library situated in the Oak Park school house. 5,411 persons have visited the reading room.

With the first of November the library was opened in the evening from 6:30 to 8 o'clock, and this proved so popular with the patrons as to show

a marked increase in the number of books issued and the attendance in the reading room.

Conventions.

The Librarian attended the joint annual meetings of the Michigan and Wisconsin Library Associations held at Menominee and Marinette, July 29 to 31.

In May a "Round Table" of the Librarians in the Cadillac and Traverse City districts was held at the Library. In November the joint meeting was held at Cadillac. Two members of the Library Board and the Librarian attended this meeting. These round tables are proving such a benefit that it is hoped we can make this a permanent organization and hold at least two meetings a year.

Staff.

Miss Evelyn Hammond, Assistant Librarian, was granted a leave of absence the first of July in order to take the summer course in Library Training at the University of Michigan. Miss Nina Williams and Miss Florence Price substituted during her absence.

Lecture Room.

The Lecture Room has been used regularly during the year by the Woman's Club, City Federation of Clubs, Ministerial Association, the High School Boys' Debating Societies and the Girls' Literary Societies.

Improvements.

One great improvement this year was the removing of the United States Government pamphlets, etc., from the stack room to the new shelving provided for them in the basement. Also one section of steel shelving was placed in the Trustees Room for the books we do not wish to place on the open shelves.

This summer we distributed in prominent business places twenty-four neatly framed signs, giving a picture of the library, stating the hours it is open, its location and the privileges extended to patrons.

Binding.

During the year 247 books were rebound and 110 volumes of magazines were bound to help with the reference work.

Gifts.

Twelve books, several magazines and numerous pamphlets were presented to the library during the year.

In closing I wish to thank the Board

of Library Trustees for their untiring interest in the library and my assistants for their faithful service and co-operation.

Respectfully submitted,

Alice M. Wait,
Librarian.

Number of books issued by departments:

	Main Library.	Oak Park.
Fiction	15,681	4,283
Juvenile Fiction.	9,623	4,523
Philosophy	94	11
Religion	137	58
Sociology	1,019	561
Philology	1	
Natural Science.	283	385
Useful Arts.....	313	126
Fine Arts	407	131
Literature	601	379
History	394	333
Travel	469	263
Biography	252	93
Bound Magazines	895	350

30,168 11,502
Total number books issued.....41,670

Number of volumes in library by departments:

	Main Library.	Oak Park.
Fiction	2,791	533
Juvenile Fiction.	1,327	414
Philosophy	92	9
Religion	175	12
Sociology	379	45
Philology	39	6
Natural Science..	357	58
Useful Arts	254	23
Fine Arts	218	7
Literature	834	81
History	726	138
Travel	382	69
Biography	389	51

General Works, including bound magazines	1,133	124
Mich. Documents	343	
Mich. Pamphlets.	408	
Gov't. documents	511	
Gov't. pamphlets.	2,642	
Geologic Atlases.	214	
Art Collections..	4	
Stereoscope Travels	6	

13,224 1,570

Total number books in the City Library and Branch Library.. 14,794

Number of books added this year by departments:

	Main Library.	Oak Park.
Fiction	134	44
Juvenile Fiction.	91	91
Philosophy	3	
Religion	33	1
Sociology	54	8
Philology	22	
Natural Science..	11	8
Useful Arts.....	41	8
Fine Arts	40	4
Literature	41	10
History	35	12
Travel	28	10
Biography	7	5
General Works ..	85	15
	625	216

Total number of new books added during the year 841

Number of persons visiting Reading Rooms:

	Main Library.	Oak Park.
Men	3,235	738
Women	1,960	451
Children	7,523	4,222

12,718 5,411

Total number of people in the Reading Rooms 18,129

Number of Patrons Enrolled:

Main Library	2,905
Oak Park Branch	612
New Patrons Added During the Year:	
Main Library	451
Oak Park Branch	222
Number of Children Attending the Story Hour:	
Main Library	1,096
Oak Park Branch.....	418

Total number at Story Hour.. 1,514

Average attendance at Story Hour 52

	Main Library	Oak Park.
Magazines purchased	63	14
Magazines donated	7	4
Newspapers purchased	3	
Newspapers donated	1	
	74	18

Main Library Oak Park.

Number of books worn out 3 7

Number of books lost 3 3

Destroyed, contagious diseases	3	tion Jan. 1, 1915.....	52
Number of books missing at inventory	65	1 Amount of money collected from the rent of books and used to purchase new books for the rental	\$72.66

104

11

List of Donors.

Total number of books worn out, lost, destroyed or missing.....	115	Mrs. Stella H. Alexander, Wellesley, Mass.; Association for International Conciliation; Book News Monthly; Mrs. James Bora; M. H. Carroll; Mrs. F. W. Carver; Charles L. Domini; Mrs. Nelly K. Gordon, Savannah, Ga; Grand Rapids (Mich.) Public Library; Herald & Record Co., John Long, Mrs. James McCallister, Michigan Agricultural College, Michigan State Library, O. G. Millar, Mrs. H. A. Musselman, Pere Marquette Railroad, Petoskey (Mich.) Public Library, Port Huron (Mich.) Public Library, Universal Portland Cement Co.
Number of volumes rebound.....	247	
Number of periodicals rebound...	110	
Rental Collection.		
Number of books in rental collection Jan. 1, 1914.....	40	
Number of new books added during the year	72	
Total number of books in rental during the year	112	
Number of books withdrawn from rental during the year.....	60	
Number of books in rental collection		

500.0 117
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ANNUAL REPORTS

of the

City of Traverse City

Michigan



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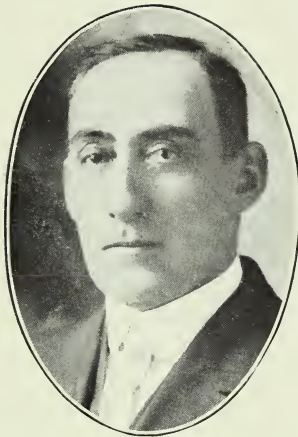
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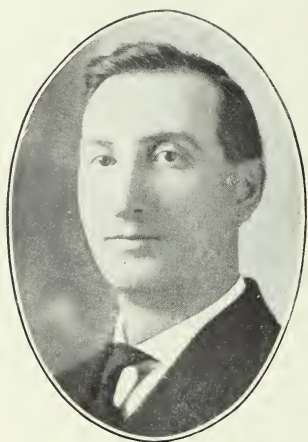
City of Traverse City Michigan



For the Year Ending December 31st, 1915



C. L. GREILICK
Mayor.



WM. H. NASH
City Clerk,

Department of Public Affairs

C. L. GREILICK, Mayor.

Mayor's Annual Message

To the Citizens of Traverse City:

1066—It is with great pleasure that I recommend to your favorable consideration the reports herein contained of the heads of the several city departments, they giving in detail the accomplishments of the fiscal year ending December 31, 1915, and their recommendations for the coming year.

Your commissioners feel keenly their duty in making Traverse City a model of healthfulness, civic pride and law and order, and this can be brought to a successful issue through the change in civic sentiment manifested in recent years. In the past, men cared only for themselves, but they are learning that the happiness of the individual is not complete unless concerning the welfare of the entire community.

Honest service and efficiency has been foremost in the performance of our duties and public service should not materially differ from the manner of carrying on individual enterprises.

It is earnestly requested that more of our citizens attend the regular commission meetings, as your commissioners need your suggestions and good will, and while the understandings of our duties are neither vain or extravagant, we hope with your support to accomplish things that are pre-eminently practical.

In conclusion, I desire to express my sincere appreciation of the courteous, hearty and unanimous support manifested by all citizens and officers, and solicit your further co-operation for the advancement of this city's interests.

Respectfully submitted,
C. L. Greilick, Mayor.

City Attorney

To the Mayor of Traverse City:

1066a—Sir: I respectfully submit the following report of matters submitted to me which are yet pending and undisposed of:

In the case brought by the city against the Townships of Blair and East Bay to recover taxes paid under protest, an appeal was taken to the supreme court and the cases were submitted at the October term of said court. At the hearing in the supreme court, I was assisted by Boudeman & Adams of Kalamazoo, who were employed by the city of Sturgis to render such assistance, as they were then acting as attorneys for that city in proceedings brought to set aside the taxes assessed upon the electric light plant owned by the city of Sturgis and which would virtually be decided by the decision in our cases. It is expected that a decision will be rendered by the supreme court in the very near future.

In the case brought by the city against the township of Garfield to recover the taxes paid upon the dump ground property, steps were taken to appeal the case to the supreme court, but before the matter was brought to a hearing, the defendant's attorney conceded that the tax was illegally assessed and a stipulation was entered into and providing for the entry of a judgment in favor of the city for the amount of the taxes paid, and with the understanding that no further taxes would be assessed upon the property so long as used by the city for dump ground purposes.

Dated this 17th day of January, A. D., 1916.

Geo. H. Cross,
City Attorney.

Department of Finance

JOHN R. SANTO, Commissioner of Finance.

To the Mayor and City Commission,
Traverse City, Mich.:

1067: Gentlemen: I present herewith financial statement of the city as prepared by the city clerk, for the year beginning January 1st, 1915, and ending Dec. 31st, 1915.

Respectfully submitted.

Jno. R. Santo,
Commissioner of Finance.

Financial Statement of City Clerk for the Year Ending Dec. 31st, 1915, showing Receipts, Disbursements and Balance in the various funds.

W. H. Nash, City Clerk.

Receipts—Contingent Fund.

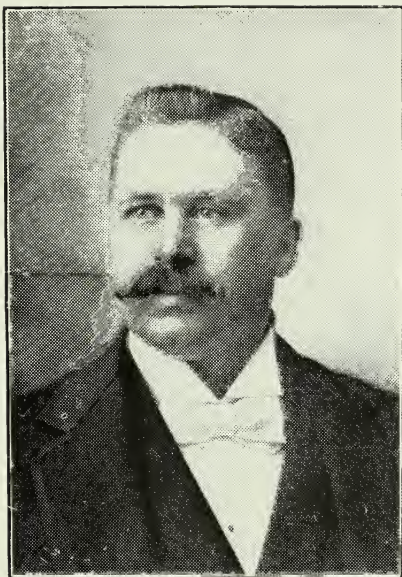
Balance on hand, January 1, 1915	\$ 1,039.26
Interest on deposits	1,246.48
Services of visiting nurse...	258.00
Delinquent taxes from county treasurer's office.....	3,365.82
Penalty tax, 1914 summer tax, reassessed	154.24
1914 winter tax fees.....	529.38
1915 summer tax fees.....	394.14
Penalty tax, 1915 summer tax, reassessed	37.12
Charge back tax, reassessed 1914 winter roll.....	90.02
Charge back tax, reassessed 1915 winter roll	12.02
Rent of 5th ward hall.....	16.00
Justice court fines	35.00
Electrical inspection	33.75
Refund from light fund, city office light	38.70
Refund loan to fire dept....	917.25
Refund, water dept., auditing books	56.25
Removing wires for D. H. Day	12.86
Scavenger services, circus grounds	10.00
Rebate, Webster St. paving, (Boardman school)	12.75
Refund from various funds, liability insurance	1,415.53
Licenses—Retail saloon licenses, \$6,500.00; whole sale liquor licenses,	

\$250.00; city's share county liquor licenses, \$4-784.18; pool and billiard, \$78.17; hawkers, \$97.00; dray and hack, \$325.67; auctioneer, \$67.50; plumbers, \$18.36; shooting gallery, \$8.00; opera house and moving picture, \$70.66; building movers, \$10.68; refreshment stand, \$16.00; circus, \$125.00; transient photographers, \$11.00; carnival, \$75.00; meat peddlers, \$3.33	12,590.55
Outstanding checks, city treasurer's acct. to 1-1-15..	195.45
Over-run, general city tax (transfer)	32.58
Over-run, state, county, county road, 1914 roll.....	72.61
Refund tax spread on city property	6.52

Total credit\$22,572.28

Disbursements—Contingent Fund.

Express, freight and cartage	\$ 19.56
Janitor, city office.....	401.25
Postage	160.07
General office supplies	333.10
Laundry	4.90
Water	9.00
Telephone, visiting nurse...	3.50
Rent for half interest of office building	400.00
Telephone rental and tolls..	33.95
Fuel, office building.....	111.20
Insurance	75.41
Extra labor, treasurer and clerk's office	157.00
Justice of peace supplies...	33.00
Visiting nurse supplies.....	1.05
Ambulance expense	10.07
Telegrams	5.37
Supplies, engineer's office...	70.60
Subscriptions to magazines	16.50
Repairs to ward buildings..	24.86
Livery and jitney, visiting nurse	79.95
Expense, suit to recover	



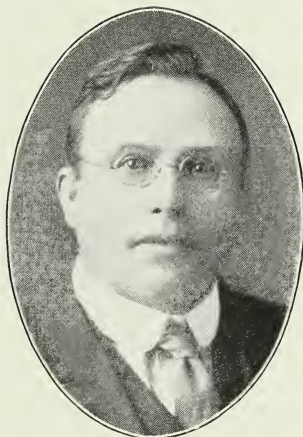
JOHN R. SANTO
Commissioner of Finance.



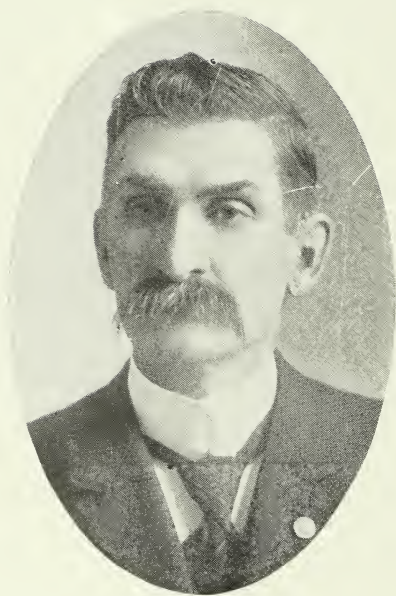
C. S. LONGNECKER
Commissioner of Public Health and
Welfare.

taxes	143.50	municipalities	15.00
Auditing city books, 1915....	200.00	Taking down old telephone wire in city	12.86
Board of Health—Supplies, \$74.75; disinfecting, \$78.00; board's salaries, \$147.00...	299.75	Central school paving tax, W. 7th street	217.35
Board of review and equalization	90.00	Taxes on city property—see refund	6.52
Elections—General election, \$32.75; primary election, 3-3-1915, \$184.00; registration, 3-27-1915, \$92.36; election, 4-5-1915, \$324.31.....	633.42	Hauling rubbish from alleys	10.00
Appropriations and donations—Decoration day, \$74.05; G. A. R. encampment, \$200.00; Y. W. C. A. association, \$75.00; Charity bureau, \$100.00; soldiers' metal markers, \$4.80; rent Dev. Bureau, \$180.00.....	633.85	Supplies, city poundmaster..	1.25
Meat and Milk Inspector's supplies	10.45	Transfer to police department—Special police for carnival	24.00
City Assessor—Looking up titles, \$2.50; clerk hire, \$50.00	52.50	Transfers — To bridge, \$1,000.00; to fire, \$1,000.00; to police, \$1,000.00	3,000.0
Engineer's office, extra labor	97.00	Lungmotor purchased	147.00
Engineer's office, surveying golf grounds	34.35	Expense looking up garbage plants	45.40
Compensation (See distribution from other depts.)....	773.13	Total debits	\$10,529.28
Dues and conventions expenses	39.68	Total credits	\$22,572.28
Bonds for city officials.....	204.25	Total debits	10,529.28
Repairs to office building...	331.39	Balance in fund	\$12,043.00
New wiring and lamps, office building	58.61	Receipts—Printing.	
Janitor's supplies	18.36	Balance on hand January 1, 1915	\$ 748.92
Stationery for commissioners	3.75	Refund, overpay for printing proceedings	27.00
Flowers	5.00	1914 general city tax.....	47.54
Erroneous and uncollectable taxes	63.60	1915 general city tax.....	200.00
Expense justice court cases	13.15	Total credit	\$ 1,023.46
Office furniture (safe cabinets)	247.37	Disbursements—Printing.	
Supplies for adding machine	5.50	Commission proceedings...\$	439.00
First payment 5th ward hall purchase	100.00	Annual reports	136.85
Dray and auto license plates	39.60	Printing ballots	23.00
Loan to fire department....	917.25	Binding proceedings.....	22.00
Trimming orchard at Keystone	13.00	Miscellaneous supplies	18.00
Cleaning alleys, city scavenger	32.50	Printing notices—General tax notice, \$40.15; board of review, \$1.25; election, \$10.10; ordinances, \$5.75; numbering buildings, \$5.50; annual appropriation bill, \$1.25; water notices, \$2.00; sidewalk notices, \$13.00; miscellaneous notices, \$3.25	77.25
Advertising	20.27	Total debit	\$ 716.10
Refund, overpaid dray licenses	1.33	Total credit	\$ 1,023.46
Expense, fire prevention lecture	17.00	Total debit	716.10
Dues, Mich. League of Mu-		Balance in fund	\$ 307.36
		Receipts—Fire Department.	
		Balance on hand January 1, 1915	\$ 565.12
		From police fund, new building expense	2,206.46

From contingent fund (loan)	917.25	essor	600.00
1914 general city tax.....	1,189.20	S. C. Darrow, city assessor..	600.00
1915 general city tax.....	18,000.00	Clara Miner, assistant to	
From contingent fund, trans-		clerk	1,060.00
fer	1,000.00	Theresa Prasil, assistant to	
		treasurer	624.00
Total credits	\$23,878.03	C. L. Greilick, mayor.....	300.00
Disbursements—Fire Department.		J. R. Santo, commissioner of	
Regular, \$6,033.60; Truck Co.		finance	200.00
No. 1, \$131.50; Hose Co.		Jos. Sleder, commissioner of	
No. 3, \$62.00; Hose Co.		public works and property	200.00
No. 4, \$98.00; Hose Co. No.		C. S. Longnecker, commis-	
5, \$38.50	6,363.60	sioner of public health and	
Liability insurance, to con-		welfare	200.00
tingent	536.73	G. W. Lardie, commissioner	
Rent Hose Co. No. 5.....	6.00	of public safety	200.00
First aid accident insurance	3.50		
Light	123.61	Total debits	\$10,484.00
Telephone	36.75		
Fuel	192.75	Total credits	\$16,948.78
Water	13.40	Total debits	10,484.00
Hay, feed and bedding.....	673.52		
Freight, cartage and express	5.14	Balance in fund	\$ 6,464.78
Department expense	128.94	Receipts—Interest and Sinking.	
New equipment	1,019.10	Balance January 1, 1915....	\$17,425.63
Repairing equipment	61.23	Interest on deposits	414.94
Horse shoeing	103.50	Refund, loan to bridge fund	2,500.00
Repairs to building	19.40	1914 summer tax, reassessed	323.87
Gas used	19.14	Charge back tax, reassessed	
Battery supplies	163.19	1914 roll	10.53
Team hire	17.00	Charge back tax, reassessed	
New addition to building....	3,982.53	1915 roll	1.96
To replace loan from contin-		Delinquent tax, county treas-	
gent	917.25	urer's office	323.67
Fire prevention expense....	65.00		
Hydrant rental	9,100.00	Total credits	\$21,000.60
		Disbursements—Interest and Sinking	
Total debits	\$23,551.28	Fund.	
		Interest on \$6,000.00 bridge	
Total credits	\$23,551.28	bonds	\$ 270.00
Total debits	23,878.03	Semi-annual interest on \$7,-	
		000.00 street intersection	
Balance in fund	\$ 326.75	bonds	315.00
Receipts—Salaries.		Semi-annual interest on \$13,-	
Balance January 1, 1915	\$ 4,300.98	000.00 street intersection	
Clerk hire, water dept.....	600.00	bonds	585.00
1914 general city tax	683.80	Annual interest \$6,000.00	
1915 general city tax.....	11,364.00	street intersection bonds..	270.00
		Semi-annual interest on \$4,-	
Total credits	\$16,948.78	000.00 street intersection	
Disbursements—Salaries.		bonds, 1917	160.00
W. H. Nash, city clerk.....	\$ 1,650.00	Semi-annual interest on \$4,-	
I. M. Winnie, city treasurer	1,500.00	000.00 street intersection	
W. A. Royce, city engineer..	1,400.00	bonds, 1920	160.00
Geo. H. Cross, city attorney	600.00	Semi-annual interest on \$4,-	
Dr. G. A. Holliday, city		0000.00 refunding bonds,	
health officer	150.00	1923	160.00
Dr. O. H. Core, city meat and		Semi-annual interest on \$3,-	
milk inspector	420.00	500.00 bonds, 1917	140.00
Pearl S. Watters, city nurse	780.00	Semi-annual interest on \$3,-	
Thos. G. Shilson, city as-		500 bonds, 1910	140.00



JOS. SLEDER
Commissioner of Public Works
and Property.



GEORGE W. LARDIE
Commissioner of Public Safety.

Semi-annual interest on \$3,- 000.00 intersection bonds, 1923	120.00
Semi-annual interest on \$7,- 000.00 park bonds, 1932....	315.00
Total debits	\$ 2,635.00
Total credits	\$21,000.60
Total debits	2,635.00
Balance in fund	\$18,365.60

Receipts—Police.

Balance on hand January 1, 1915	\$ 3,013.58
From contingent fund, spe- cial police, carnival	24.00
From contingent fund.....	1,000.00
1914 general city tax.....	321.07
1915 general city tax.....	6,000.00

Total credits \$10,358.65

Disbursements—Police.

Regular police	\$ 4,750.00
Special police	55.00
Police matron	110.00
Livery	22.75
Telephone rental, \$36.00; tolls, \$6.96	42.96
Equipment and department expense	24.02
Liability insurance	192.26
Repairing stop watches....	4.25
Gasoline	3.48
New furniture	26.40
Repairs to motorcycle.....	10.00
Wiring new rooms, \$18.53; lamps, \$7.46; light, \$10.30..	36.29
Post light and wiring	37.58
New building	2,213.81
Moving expense	1.00
Water rental	2.03

Total debits \$ 7,531.83

Total credits \$10,358.65

Total debits 7,531.83

Balance in fund \$ 2,826.82

Receipts—Library.

Balance Jan. 1, 1915	\$ 1,211.68
Book fines	10.00
Justice court fines	71.00
City's share of county jus- tice fines	541.00
1914 general city tax.....	231.87
1915 general city tax.....	4,000.00

Total credits \$ 6,065.55

Disbursements—Library.

Librarian	\$ 480.00
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Assistant librarians	575.00
Oak Park librarian	322.00
Janitors—Sixth St., \$513.00; Oak Park, \$51.00	564.00
Lighting and lamps	112.87
Laundry	5.00
Convention expense	10.61
Water	32.39
Fuel	282.37
Books	720.97
Binding books and maga- zines	168.70
Subscriptions to magazines..	170.05
Telephone, Oak Park	8.00
Repairs to buildings.....	366.72
Association dues	5.00
Furniture and repairs.....	151.11
Stationery and miscellaneous supplies	37.29
Liability insurance	11.62
Annual reports	24.00
Paper towels	11.50
Grounds, flower beds	8.50

Total debits \$ 4,067.70

Total credits \$ 6,065.55

Total debits 4,067.70

Balance in fund \$ 1,997.85

Receipts—Light.

Balance January 1, 1915	\$ 2,291.59
From wharf fund, pier lights	9.00
1914 general city tax.....	416.20
1915 general city tax.....	8,200.00

Total credits \$10,916.79

Disbursements—Light.

Streets, bridges and alleys, lighting	\$ 7,209.30
City offices, lighting	206.28
Second ward hall, lighting..	6.00
Third ward hall, lighting ...	6.00
Fifth ward hall, lighting ...	3.50
Pier lighting (see transfer credits)	9.00
Lamps	34.96

Total debits \$ 7,475.04

Total credits \$10,916.79

Total debits 7,475.04

Balance in fund \$ 3,441.75

Receipts—Water.

Balance January 1, 1915....	\$28,976.08
Schedule rates	11,586.70
Meter rates	8,986.23
Installing meters	86.00
Taps	355.00
Material sold	76.45

Coal sold	226.11	light posts	400.00
Interest on deposits	575.44		
Extra water, circus, etc....	14.25	Total credits	\$ 8,227.31
Repairs at cemetery	7.50	Disbursements—Bridge.	
Refund, overpay	6.50	General supplies and tools..	\$ 134.36
Catholic cemetery	30.00	Engineer's assistant	7.50
Street sprinkling	335.00	N. Cass St. abutment	1,229.76
City cemetery	350.00	N. Union St. abutment	1,669.16
Hydrant rental	9,100.00	Repairing E. 8th St. bridge..	839.25
		Repairing N. Union St.	
Total credits	\$60,714.26	bridge	523.61
Disbursements—Water.		Repairing Park St. bridge...	256.22
Total credits	\$60,714.26	Building spile driver	671.60
Total debits	32,284.27	Extra planking	217.86
		Repairing S. Union St.	
Balance in fund	\$28,429.99	bridge	15.70
(See Water Balance Sheet.)		Transfer to replace loan	
Receipts—General Sewer.		from interest and sinking	
Balance January 1, 1915....	\$ 1,818.85	fund, 1914	2,500.00
County's share E. Front St.		Liability insurance	39.81
sewer	160.00	Lamps for bridge lights...	15.90
Sewer tile sold	7.68	Repairing W. Front St.	
1914 general city tax.....	124.88	bridge	2.36
1915 general city tax.....	2,000.00	Wiring Cass and 8th street	
		for lights	338.65
Total credits	\$ 4,111.41		
Disbursements—General Sewer.		Total debits	\$ 8,461.74
Cleaning and flushing	\$ 127.70	Total credits	8,227.31
Repairing sewers	73.73		
Making tile	394.48	Overdrawn balance	\$ 234.43
Sewer pipe	6.31	Receipts—Cemetery.	
Draying	8.50	Balance on hand January 1,	
Tools and equipment.....	27.83	1915	\$ 1,965.16
Engineer's office assistant..	173.00	Burials and removals	591.50
E. Front St. sewer to fair		1914 care of lots	17.00
grounds	309.85	1915 care of lots	1,185.50
Monroe street sewer	174.16	Extra labor	43.25
Serving notices	15.00	Grading lots	207.76
Laying tile on N. Cedar St..	86.14	Catholic cemetery, (trans-	
Repairs to Cass St. sewer...	77.60	ferred to water fund)....	33.00
Repairs to North Union St.		1916 care of lots	8.00
sewer	15.55	Paint for benches sold to	
Laying sewer in alley south		Ladies' Cem. Assn.....	3.25
of Front street	34.00	1914 general city tax.....	59.45
Tile to Elmwood avenue....	3.26	1915 general city tax.....	1,400.00
Liability insurance	16.50		
		Total credits	\$ 5,513.87
Total debits	\$ 1,543.61	Disbursements—Cemetery.	
Total credits	\$ 4,111.41	Sexton's salary	\$ 840.00
Total debits	1,543.61	Horse hire	120.00
		General labor	869.20
Balance in fund	\$ 2,567.80	Telephone	12.00
Receipts—Bridge.		Water, sexton's house	9.90
Balance January 1, 1915....	\$ 191.27	Water for sprinkling ceme-	
Repairing walks	4.00	tery	350.00
Refund, overpay	7.16	Equipment, tools and rprs..	78.68
From contingent fund	1,000.00	Liability insurance	35.73
1914 general city tax.....	124.88	Black soil	248.50
1915 general city tax.....	6,500.00	Refund, care of lots	1.00
1915 general city tax, bridge		Office supplies	2.00
		Repairing sexton's house....	884.44

Sod	13.80
Care of lots	461.98
Care of flowers	48.80
Extra labor	12.25
Seed	10.40
Grading	41.12
Cement, repairs	2.13
Transfer to water department, Catholic cemetery..	33.00

Total debits\$ 4,074.93

Total credits\$ 5,513.87

Total debits 4,074.93

Balance in fund\$ 1,438.94

Cemetery Extension and Improvement

Fund—Receipts.

Sale of lots	\$ 580.66
Single graves	40.00

Total receipts\$ 620.66

DisbursementsNone

Receipts—Park.

Balance on hand Jan. 1, 1915..\$ 2,159.62

1914 general city tax..... 184.33

1915 general city tax..... 750.00

Total credits\$ 3,093.95

Disbursements—Park.

Hannah Park—Care of park, \$386.50; care of deer, \$39.90; feed for deer, \$39.90; water, \$85.52; light, \$72.00; miscellaneous supplies, \$56.01; liability insurance, \$12.87	\$ 692.70
Cleaning closets, all parks..	22.00
Sunset Park—Labor, care of park, \$164.50; water, \$9.00; tools and supplies, \$2.10; grading and filling, \$229.23; light, \$37.50; flower beds, \$10.12	452.45
Lake Avenue Park—Water, fountain, \$23.00; flower beds, \$10.13; light, \$36.00; installing light post, \$72.54	141.67
Bay and Monroe St. Park—Water, \$5.40; labor, \$128.75; supplies, \$15.95; soil and planting shrubs, etc., \$115.45	265.55
S. Union St. Park—Water..	17.27
East Bay Park—Labor.....	4.50

Total debits\$ 1,596.14

Total credits\$ 3,093.95

Total debits 1,596.14

Balance in fund\$ 1,497.81

Receipts—General Street.

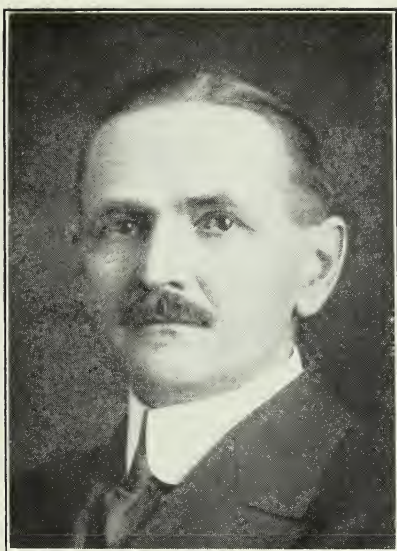
Balance on hand January 1, 1915	\$ 2,504.38
Market receipts	581.50
Dog licenses	405.00
Labor, city horses.....	948.91
Telephone tolls collected at city market	1.21
1914 cement sidewalk, reassessed, \$86.60; 1915 cement sidewalk, W. 15th St., special assessment, \$64.40; 1915 cement sidewalk, \$467.81; 1915 cement sidewalk, reassessed, \$16.10; repairing cement walks, \$9.90	644.81
Street cleanings sold.....	1.00
Rent received from tar kettle	7.00
1914 general city tax, \$1,010.80; 1915 general city tax, \$19,250.00; delinquent tax from county treasurer, \$186.28	20,447.08
Labor at driving park.....	7.00
Crushing stone for county..	135.05
Refunds, overpaid St. Com. pay roll	16.00

Total credits\$25,698.94

Disbursements—General Street.

City Market—Weighmaster's salary, \$660.00; repairs and supplies, \$6.27; light, \$8.45; fuel, \$16.38; water, \$4.52; telephone, \$15.00	\$ 710.62
Insurance, tool houses, ward buildings, etc.	79.98
Water for street sprinkling..	335.00
Tool House—Repairs, \$24.61; light and lamps, \$19.92; water, \$4.52; telephone, \$12.00; fuel, \$8.64	69.69
Water for horse troughs....	217.50
Killing and burying dogs....	159.50
Tools, equipment and repairs	553.30
Telegrams .....	.51
Engineer's assistant	18.50
Freight, cartage and express	20.46
Liability insurance	221.43
First aid services, liability insurance	38.00
Dog tags	11.88
Weighing coal	1.20
Horse purchased	275.00
St. Com.'s salary	1,408.50

Sprinkling streets	1,897.37	1915	\$ 7,424.31
General repairing — Labor, \$2,257.80; material, \$129.84	2,387.64	Receipts	34,997.14
Cleaning pavement	2,159.37	1915 general city tax for re- pairing Keystone property	250.00
Hauling dirt from pavement	574.13	Refunds from goods returned	3.88
Hauling leaves from pave- ment	54.95	Total credits	\$42,675.33
Grading and improving Elm- wood avenue	457.69	Disbursements—Electric Light and Power.	
Cleaning catch basins	68.65	Transferred to interest and sinking acct.....	\$ 8,187.50
Cleaning cross walks.....	2.00	Other disbursements	24,782.70
Cleaning gravel pit.....	5.00	Total debits	\$32,970.20
Caring for market site.....	212.77	Total credits	\$42,675.33
Caring for dump ground....	295.00	Total debits	32,970.20
Repairing walks, labor.....	36.50	Balance in fund	\$ 9,705.13
Horse feed, St. Com.....	130.00	(See Electric Light General Report.)	
City Horses—Caring for, \$40.00; feed and bedding, \$606.52; shoeing, \$58.82; veterinary and medicine, \$26.30	731.64	Receipts—E. L. & P. Interest and Sinking Fund.	
Cleaning up rubbish.....	6.00	Transferred from E. L. & P. general fund	\$ 8,187.50
Building cement walks.....	1,104.95	1915 general city tax, inter- est	6,375.00
Repairing pavement.....	8.50	1915 general city tax, bonds.	3,750.00
Grading Brosch street.....	35.62	Total credits	\$18,312.4
Snow plowing	359.82	Disbursements—E. L. & P. Interest and Sinking.	
Shoveling snow	145.80	Interest on bonds	\$ 3,187.50
Cutter plowing	76.60	Total debits	\$ 3,187.50
Hauling snow	34.65	Total credits	\$18,312.50
Sanding walks	11.55	Total debits	3,187.50
Tarvia for pavements.....	630.95	Balance in fund	15,125.00
Graveling Bay St.....	108.75	Receipts—Eighth St. Imp. No. 1.	
Crushing stone for county..	91.25	Delinquent tax from county treasurer	\$ 35.00
Graveling Munson Ave.....	307.01	From delinquent special as- sessment fund	1,609.37
Running road grader.....	113.07	Total credits	\$ 1,644.37
Petoskey stone, freight and labor	430.50	Disbursements—Eighth St. Imp. No. 1.	
Picking up stone	39.47	Overdrawn balance Jan. 1,	
Crushing stone	654.86	1915	\$ 29.41
Hauling crushed stone.....	70.80	Payment of notes	1,538.06
Labor, Cass St. abutment...	9.90	Payments of interest.....	76.90
Cutting weeds.....	241.00	Total debits	\$ 1,644.37
Grading and improving E. Eighth street	1,135.26	Total credits	1,644.37
Oiling streets	1,135.36	Account	Balanced
Resurfacing State St.....	130.14	Receipts—Eighth St. Imp. No. 2.	
Graveling Peninsula St.....	69.63	Balance on hand January 1,	
Resurfacing Webster St....	68.58	1915	\$ 285.02
Chloride on streets	24.62	Delinquent tax, county treas- urer	96.91
Graveling Washington St....	164.30		
Field stone purchased.....	1,008.00		
Making skating rinks.....	10.70		
Total debits	\$21,361.42		
Total credits	\$25,698.94		
Total debits	21,361.42		
Balance in fund	\$ 4,337.52		
Receipts—Electric Light and Power.			
Balance on hand January 1,			



ISAAC M. WINNIE
City Treasurer.



GEORGE H. CROSS
City Attorney.

From sale of notes	71.00	Payment of interest	24.84
From delinquent special as- essment fund	547.81	Total debits	\$ 559.11
Total credits	\$ 1,000.74	Total credits	559.11
Disbursements—Eighth St. Imp. No. 2.		Account	Balanced
Payments of notes	\$ 951.34	Receipts—Lateral Sewer No. 6, Dis-	
Payments of interest	46.39	trict No. 1.	
Payments of rebates	3.01	Balance on hand January 1, 1915	\$ 243.22
Total debits	\$ 1,000.74	Delinquent tax from county treasurer	2.77
Total credits	1,000.74	Total credits	\$ 245.99
Account	Balanced	Disbursements—Lateral Sewer No. 6,	
Receipts—Washington St. Imp. No. 1.		District No. 1.	
From delinquent special as- essment fund	\$ 1,184.60	Rebates	\$.47
Disbursements—Washington St. Imp.		Total debits	\$.47
No. 1.		Total credits	\$ 245.99
Overdrawn balance January 1, 1915	46.39	Total debits .....	.47
Payments of notes	1,084.01	Balance in fund	\$ 245.52
Payments of interest	54.20	Receipts—Fifth St. Imp.	
Total debits	\$ 1,184.60	Balance on hand January 1, 1915	\$ 187.52
Total credits	1,184.60	Delinquent tax, county treas- urer	175.35
Account	Balanced	From sale of notes	236.00
Receipts—Washington St. Imp. No. 2.		From delinquent special as- essments fund	554.07
Balance on hand January 1, 1915	\$ 108.52	Total credits	\$ 1,152.94
From sale of notes	370.25	Disbursements—Fifth St. Imp.	
From delinquent special as- essments	382.59	Payment of notes	\$ 1,101.78
Total credits	\$ 861.36	Payment of interest	51.16
Disbursements—Washington St. Imp.		Total debits	\$ 1,152.94
No. 2.		Total credits	1,152.94
Payment of notes	\$ 809.55	Account	Balanced
Payment of interest	51.81	Receipts—Wadsworth St. Imp.	
Total debits	\$ 861.36	Balance on hand January 1, 1915	\$ 97.94
Total credits	861.36	From sale of notes	110.00
Account	Balanced	From delinquent spec.....	461.21
Receipts—Lateral Sewer No. 5, Dis-		Total credits	\$ 669.15
trict No. 1.		Disbursements—Wadsworth St. Imp.	
Balance on hand January 1, 1915	\$ 18.30	Payment of notes	\$ 639.04
From sale of notes	113.35	Payment of interest	30.11
From delinquent tax, coun- ty treasurer	42.02	Total debits	\$ 669.15
From delinquent special as- essment fund	385.44	Total credits	669.15
Total credits	\$ 559.11	Account	Balanced
Disbursements—Lateral Sewer No. 5,		Receipts—Webster St. Imp.	
District No. 1.		Reassessed tax roll, 1915....	\$ 104.10
Payment of notes	\$ 534.27	Delinquent tax from county	

DEPARTMENT OF FINANCE

treasurer	58.23	Total credits	\$ 30.35
Total credits	\$ 162.33	Total debits	19.65
Disbursements—Webster St. Imp.		Balance in fund	\$ 10.70
Rebates	\$ 31.85	Receipts—Lateral Sewer No. 4, Dist. No. 8.	
Payment of interest	20.15	Balance on hand January 1, 1915	\$ 410.10
Total debits	\$ 52.00	1915 reassessed tax	44.28
Total credits	\$ 162.33	Delinquent tax, county treasurer	37.58
Total debits	52.00	From delinquent special assessments	115.20
Balance in fund	\$ 110.33	Total credits	\$ 607.16
Receipts—East Ninth St. Imp.		Disbursements—Lateral Sewer No. 4, Dist. No. 8.	
Balance on hand January 1, 1915	\$ 59.01	Payment of notes	\$ 568.38
Reassessed tax	74.00	Payment of interest	28.42
Delinquent tax from county treasurer	145.90	Total debits	\$ 596.80
Total credits	\$ 278.91	Total credits	\$ 607.16
Disbursements—E. Ninth St. Imp.		Total debits	596.80
Rebates	\$ 15.30	Balance in fund	\$ 10.36
Payment of notes	152.55	Receipts—Wharf.	
Payment of interest	31.66	Balance on hand January 1, 1915	\$ 15.84
Total debits	\$ 199.51	1915 general city tax	500.00
Total credits	\$ 278.91	Total credits	\$ 515.84
Total debits	199.51	Disbursements—Wharf.	
Balance in fund	\$ 79.40	Lighting pier	\$ 27.00
Receipts—Wellington St. Imp.		Lamps	3.55
Balance on hand January 1, 1915	\$ 23.79	Total debits	\$ 30.55
From sale of notes	204.00	Total credits	\$ 515.84
Fifth installment—Principal, \$169.60; interest, \$9.05....	178.65	Total debits	30.55
From delinquent special assessment fund	243.37	Balance in fund	\$ 485.29
Total credits	\$ 649.81	Receipts—Park St. Imp.	
Disbursements—Wellington St. Imp.		Balance on hand January 1, 1915	\$ 63.50
Payment of notes	\$ 622.10	Sale of notes	265.65
Payment of interest	27.71	Delinquent tax, county treasurer	50.24
Total debits	\$ 649.81	From delinquent special assessment fund	334.17
Total credits	649.81	Total credits	\$ 713.56
Account	Balanced	Disbursements—Park St. Imp.	
Receipts—Lateral Sewer No. 5, Dist. No. 8.		Payment of notes	\$ 670.32
Delinquent tax from county treasurer	\$ 30.35	Payment of interest	43.24
Disbursements—Lateral Sewer No. 5, Dist. No. 8.		Total debits	\$ 713.56
Rebates	\$ 1.83	Total credits	713.56
Payment of interest	17.82	Account	Balanced
Total debits	\$ 19.65	Receipts—W. Seventh St. Imp. No. 1.	

Balance on hand January 1, 1915	\$ 1,159.38
Re-assessed taxes	323.79
Third installment—Principal, \$1,018.47; interest, \$148.93	1,167.40
Fourth installment—Principal, \$90.00; interest, \$1.34	91.34
Fifth installment—Principal, \$90.00; interest, \$1.32	91.32
Delinquent tax, county treasurer	41.88

Total credits\$ 2,875.11

Disbursements—W. Seventh St. Imp. No. 1.

Payment of notes	\$ 1,746.68
Payment of interest	263.04

Total debits\$ 2,009.72

Total credits\$ 2,875.11

Total debits2,009.72

Balance in fund\$ 865.39

Receipts—Delinquent Special Assessments.

1915 general city tax.....\$ 6,000.00

Disbursements — Delinquent Special Assessments.

Wellington St. Imp.....	\$ 243.37
Wadsworth St. Imp.....	461.21
Park St. Imp.....	334.17
Washington St. Imp. No. 2..	382.59
Lateral sewer No. 5, Dist. No. 1	385.44
Fifth St. Imp.....	554.07
Lateral sewer No. 4, District No. 8	115.20
Eighth St. Imp No. 1.....	1,609.37
Eighth St. Imp. No. 2.....	547.81
Washington St. Imp. No. 1..	1,184.60

Total debits\$ 5,817.83

Total credits\$ 6,000.00

Balance in fund\$ 182.17

Receipts—General City Tax.

Balance on hand January 1, 1915	\$ 836.92
1915 summer tax, \$80,785.25; transfer from contingent to balance 1915 summer tax, \$14,186.33	94,971.58
1914 reassessed summer tax	3,557.10

Total credits\$99,365.60

Disbursements—General City Tax.

Printing	\$ 247.54
Police	6,321.07

Fire	19,189.20
Cemetery	1,459.45
General street	20,260.80
Bridge	7,024.88
General sewer	2,124.88
Park	934.33
Library	4,231.87
Light	8,616.20
Salaries	12,047.80
Delinquent special assessments	6,000.00
Wharf	500.00
E. L. & P. interest and sinking	10,125.00
E. L. & P. farm and building improvement	250.00
Contingent, overrun	32.58

Total debits\$99,365.60

Total credits99,365.60

AccountBalanced

Receipts—State, County and County

Road.

State, \$17,625.87; county, \$26,972.97; county road. \$12,054.32	\$56,653.16
Rejected tax—State, \$43.68; county, \$66.11; county road, \$33.43	143.22

Total credits\$56,796.38

Disbursements — State, County and

County Road.

State	\$13,896.99
County	22,675.06
County road	10,234.34
Rejected tax—State, \$39.13; county, \$61.22; county road, \$31.17	131.52

Total debits\$46,937.91

Total credits\$56,796.38

Total debits46,937.91

Balance in fund\$ 9,858.47

Receipts—Budget Account 1915, City

Treasurer.

General city tax.....	\$ 936.02
Disbursements—Budget Account, 1915. Transfer, to balance uncollected tax in various funds	\$14,186.33

Total debits\$14,186.33

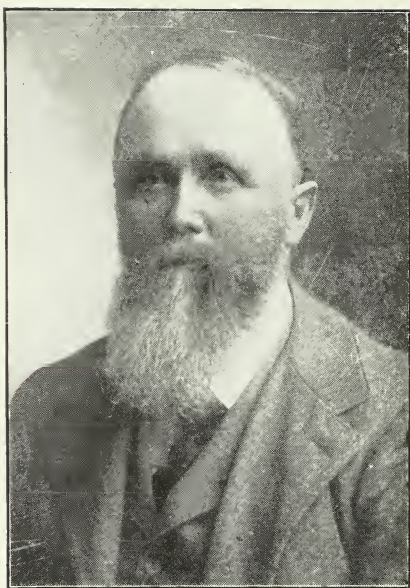
Total credits936.02

Overdrawn balance.....\$13,250.31

Credit Balances at Close of Year.		Bridge	6,000.00
Contingent	\$ 12,043.00	Street intersections.....	26,000.00
Printing	307.36	Elec. light and power.....	150,000.00
Fire	326.75	Park improvement	7,000.00
Salaries	6,464.78		
Interest and sinking	18,365.60		\$317,667.00
Police	2,826.82	Permanent Improvement Notes.	
Library	1,997.85	W. Seventh St. Imp. No. 1..	\$ 3,493.38
Light	3,441.75	Temporary Renewal Improvement Notes.	
Water	28,429.99	Park St. Imp.....	\$ 282.45
General sewer	2,567.89	Webster St. Imp.....	402.92
Cemetery	1,438.94	Lateral sewer No. 5, Dist.	
Park	1,497.81	No. 8	356.30
General street	4,337.52	E. Ninth St. Imp.	480.62
Lateral sewer No. 6, Dist.			
No. 1.....	245.52		\$ 1,522.29
Lateral sewer No. 4, Dist.		The following is an inventory of the office furniture, election outfits, vault equipment, etc., in Commission room, assessor's office, and clerk's and treasurer's offices:	
No. 8	10.36		
Lateral sewer No. 5, Dist.		10 chairs @ \$5.00	\$ 50.00
No. 8	10.70	1 wardrobe	7.00
Webster St. Imp	110.33	1 screen	1.00
Wharf	485.29	1 table	12.00
Cemetery extension and improvement	620.66	2 roll top desks	30.00
E. L. & P. Dept.....	9,705.13	2 flat top desks @ \$40.....	80.00
E. L. & P. sinking fund....	15,125.00	3 sectional cabinets	275.00
Delinquent special assessments	182.17	4 high desks	50.00
E. Ninth St. Imp.....	79.40	3 office chairs	15.00
W. Seventh St. Imp.....	865.39	2 high desk chairs	5.00
State and county.....	9,858.47	1 typewriter desk	10.00
Total credits	\$121,344.39	7 oak chairs @ \$4.....	28.00
Overdrawn Funds.		1 table	12.00
Bridge	\$ 234.43	1 table	5.00
1915 budget acct.....	13,250.31	20 chairs, Com. room.....	10.00
Total debits	\$13,484.74	25 folding chairs.....	5.00
Total credits	\$121,344.39	1 typewriter	75.00
Total debits	13,484.74	1 adding machine	400.00
Cash balance	\$107,859.65	Miscellaneous supplies	200.00
Cash Statement.		Election outfits	200.00
Depository	\$ 92,153.85	Vault equipment	100.00
Cash on hand	5,847.33	1 water cooler	5.00
State and county depository	8,510.94	1 book case	20.00
State and county cash on hand	1,347.53	2 safe cabinets	250.00
		Interest in office building....	1,000.00
		1 assessor's desk	40.00
		1 card cabinet	10.00
		2 chairs	5.00
	\$107,859.65	5 Abbott voting machines, cost \$1,750.00.	
Liabilities—Bonds.		Total	\$2,900.00
Water	\$106,667.00		
Refunding	22,000.00		



WM. F. GIFFORD
Supt. City Electric Light Works.



S. C. DARROW
City Assessor.

TABLE NO. ONE.

Assessed valuation of the city for the years:

1910.

(As determined by the Board of State Tax Commissioners.)

	Real.	Personal.	Total.
First ward	\$2,423,700.00	\$1,116,303.20	\$3,540,003.20
Second ward	941,595.00	204,176.00	1,145,771.00
Third ward	1,240,490.00	157,823.00	1,398,313.00
Fourth ward	686,330.00	198,993.00	885,323.00
Fifth ward	801,250.00	21,898.00	823,148.00
	<hr/>	<hr/>	<hr/>
	\$6,093,365.00	\$1,699,193.20	\$7,792,558.20

1911.

First ward	\$2,498,480.00	\$1,110,611.00	\$3,609,091.00
Second ward	940,690.00	183,920.00	1,124,610.00
Third ward	1,245,220.00	164,219.00	1,409,439.00
Fourth ward	684,310.00	200,610.00	884,920.00
Fifth ward	813,490.00	28,751.00	842,241.00
	<hr/>	<hr/>	<hr/>
	\$6,182,190.00	\$1,688,111.00	\$7,870,301.00

1912.

First ward	\$2,482,605.00	\$ 977,922.00	\$3,460,527.00
Second ward	941,450.00	195,785.00	1,137,235.00
Third ward	1,231,690.00	156,665.00	1,388,355.00
Fourth ward	667,425.00	179,574.00	846,999.00
Fifth ward	791,440.00	23,527.00	814,967.00
	<hr/>	<hr/>	<hr/>
	\$6,114,610.00	\$1,533,473.00	\$7,648,083.00

1913.

First ward	\$2,485,895.00	\$1,013,542.00	\$3,499,437.00
Second ward	916,655.00	196,127.00	1,112,782.00
Third ward	1,233,540.00	186,840.00	1,420,380.00
Fourth ward	672,395.00	177,558.00	849,953.00
Fifth ward	770,368.00	15,656.00	786,024.00
	<hr/>	<hr/>	<hr/>
	\$6,978,853.00	\$1,589,723.00	\$7,668,576.00

1914.

First ward	\$2,515,950.00	\$1,373,503.00	\$3,889,453.00
Second ward	986,365.00	230,705.00	1,217,070.00
Third ward	1,248,885.00	49,290.00	1,298,175.00
Fourth ward	670,365.00	120,300.00	790,665.00
Fifth ward	792,530.00	11,635.00	804,165.00
	<hr/>	<hr/>	<hr/>
	\$6,214,095.00	\$1,785,433.00	\$7,999,528.00

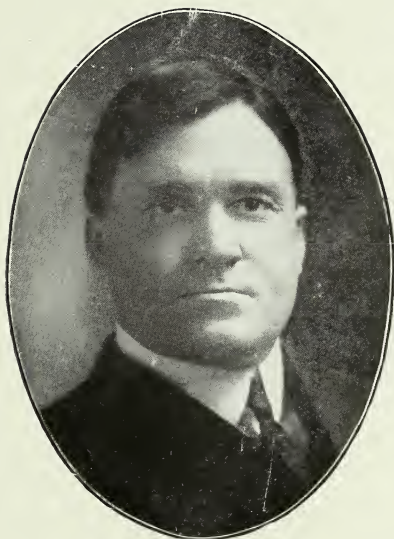
1915.

First ward	\$2,465,675.00	Personal all copied in Roll 1.	
Second ward	905,815.00		
Third ward	1,127,250.00		
Fourth ward	616,125.00		
Fifth ward	726,365.00		
	<hr/>		
	\$5,841,230.00	\$1,839,549.00	\$7,680,779.00

TABLE NO. TWO.

The following tables show amount of tax for use in the various departments for the years 1910, 1911, 1912, 1913, 1914 and 1915:

	1910	1911	1912	1913	1914	1915
School	\$ 37,800.45	\$ 37,873.86	\$ 41,672.40	\$ 51,668.58	\$ 74,999.52	\$ 51,000.00
Printing	1,000.00	1,000.00	500.00	1,000.00	800.00	200.00
Fire	15,563.00	9,000.00	9,000.00	9,000.00	20,000.00	18,000.00
Salaries	5,650.00	6,950.00	8,600.00	8,350.00	11,500.00	11,364.00
Interest and sinking	7,798.31	7,873.47	7,651.11	10,000.00	6,700.00	3,750.00
Police	4,452.00	6,000.00	6,000.00	5,500.00	5,400.00	6,000.00
Library	3,000.00	3,000.00	3,000.00	4,000.00	3,900.00	4,000.00
Light	6,800.00	6,000.00	6,500.00	5,500.00	7,000.00	8,200.00
Water		7,380.00	7,380.00	7,850.00		
Bridge	1,432.00	2,500.00	1,000.00	1,000.00	2,100.00	6,500.00
Cemetery	500.00	500.00	500.00	1,500.00	1,000.00	1,400.00
Park	750.00	750.00		2,000.00	3,100.00	750.00
General sewer		1,150.00	2,700.00	1,000.00	2,100.00	2,000.00
General street	2,700.00	253.00	500.00	10,000.00	17,000.00	19,250.00
Street District No. 1	2,656.81	3,608.82	3,460.74			
Street District No. 2	2,291.57	3,375.01	2,274.47			
Street District No. 3	2,099.58	2,468.22	1,388.53			
Street District No. 4	2,656.59	1,769.84	847.61			
Street District No. 5	3,292.60	2,528.09	1,629.94			
Electric light interest						6,375.00
Def. Sp. Assis.						6,000.00
Repairs Keystone property						250.00
Wharf						500.00
Bridge lighting						400.00
Total	\$ 99,752.91	\$ 103,980.31	\$ 104,604.80	\$ 118,368.58	\$ 155,599.52	\$ 145,959.00



DR. G. A. HOLLIDAY
City Health Officer.



W. A. ROYCE
City Engineer.

Table No. 3—Tax rate for the years:

	City	State	County	County Road		City.	State.	County.	County Road.
1907—					Ward 5.....	1.45	.22	.25	.13
Ward 1.....	\$1.92	\$.33	\$.38	.....	Average	1.37	.22	.25	.13
Ward 2.....	2.12	.33	.38	.....	Total yearly				
Ward 3.....	2.02	.33	.38	.....	av'g'e \$100				
Ward 4.....	2.02	.33	.38	.....	valuation..	\$1.97			
Ward 5.....	2.12	.33	.38	.....	1912—				
Average	2.04	.33	.38	.....	Ward 1.....	\$1.35	\$.19	\$.30	\$.15
Total yearly					Ward 2.....	1.45	.19	.30	.15
av'g'e \$100					Ward 3.....	1.35	.19	.30	.15
valuation..	\$2.75				Ward 4.....	1.35	.19	.30	.15
1908—					Ward 5.....	1.45	.19	.30	.15
Ward 1.....	\$1.99	\$.28	\$.40	.....	Average	1.39	.19	.30	.15
Ward 2.....	2.09	.28	.40	.....	Total yearly				
Ward 3.....	1.99	.28	.40	.....	av'g'e \$100				
Ward 4.....	1.99	.28	.40	.....	valuation..	\$2.03			
Ward 5.....	2.19	.28	.40	.....	1913—				
Average	2.05	.28	.40	.....	Ward 1.....	\$1.55	\$.31	\$.33	\$.15
Total yearly					Ward 2.....	1.55	.31	.33	.15
av'g'e \$100					Ward 3.....	1.55	.31	.33	.15
valuation..	\$2.73				Ward 4.....	1.55	.31	.33	.15
1909—					Ward 5.....	1.55	.31	.33	.15
Ward 1.....	\$2.26	\$.39	\$.55	\$.20	Average	1.55	.31	.33	.15
Ward 2.....	2.46	.39	.55	.20	Total yearly				
Ward 3.....	2.36	.39	.55	.20	av'g'e \$100				
Ward 4.....	2.46	.39	.55	.20	valuation..	\$2.34			
Ward 5.....	2.56	.39	.55	.20	1914—				
Average	2.42	.39	.55	.20	Ward 1.....	\$1.96	\$.19	\$.31	\$.14
Total yearly					Ward 2.....	1.96	.19	.31	.14
av'g'e \$100					Ward 3.....	1.96	.19	.31	.14
valuation..	\$3.56				Ward 4.....	1.96	.19	.31	.14
1910—					Ward 5.....	1.96	.19	.31	.14
Ward 1.....	\$1.21	\$.19	\$.24	\$.14	Average	1.96	.19	.31	.14
Ward 2.....	1.33	.19	.24	.14	Total yearly				
Ward 3.....	1.28	.19	.24	.14	av'g'e \$100				
Ward 4.....	1.43	.19	.24	.14	valuation..	\$2.60			
Ward 5.....	1.53	.19	.24	.14	1915—				
Average	1.36	.19	.24	.14	Ward 1.....	\$2.01	\$.31	\$.36	\$.15
Total yearly					Ward 2.....	2.01	.31	.36	.15
av'g'e \$100					Ward 3.....	2.01	.31	.36	.15
valuation..	\$1.93				Ward 4.....	2.01	.31	.36	.15
1911—					Ward 5.....	2.01	.31	.36	.15
Ward 1.....	\$1.25	\$.22	\$.25	\$.13	Average on \$100 valuation.....				\$2.83
Ward 2.....	1.45	.22	.25	.13	City				1.24
Ward 3.....	1.33	.22	.25	.13	School .....				.77
Ward 4.....	1.35	.22	.25	.13					<u>\$2.01</u>

Department of Public Works and Property

JOSEPH SLEDER, Commissioner of Public Works and Property.

Dec. 31, 1915.

To the Mayor and Commissioners,
Traverse City, Mich.

1068—Gentlemen: I hereby submit my third annual report and attached hereto the report made to me by City Engineer Wm. A. Royce.

In my last annual report I called your attention to the fact that there is more work and responsibility in the Department of Public Works and Property than in any department of the city. Few people realize the increased difficulties that department has to face.

The automobile traffic has completely revolutionized road work. This added and fast increasing traffic has caused the upkeep of the streets to become a serious problem both in money and labor.

Our city has been growing fast and our citizens are demanding more and more improvements each year. They are not satisfied with the old regime. New and better conditions cost money but they are worth the price. A city to be prosperous today must be up to date.

During the past year much progress has been made building and improving East Eighth street with crushed stone from the G. R. & I. railroad east to the city limits, South Elmwood Ave. from West Front St. to Eleventh St. and repairing several others; building abutment on the south side of river at North Union St. bridge; also same on south side of river at Cass street. We have also constructed several surface water drains in the western part of the city.

We have permanent records now in the city engineer's office, which includes a survey of drains and maps

prepared showing length, depth, locations of basins and contour of ground. We have also placed lights on Cass street bridge and lights in Front street park.

I wish to submit to your honorable body the following recommendations for future consideration:

That East Front street from Wellington street to Rose street be improved, and I would recommend that a curb and gutter be constructed, the same to be charged to abutting property, and the street to be graded and re-surfaced with crushed stone.

That a system of garbage collection and disposal be arranged for at the earliest possible opportunity.

That a concrete pavement be laid in the alley south of Front street between Union and Cass streets and charged to abutting property.

That a scarifier and street sweeper be purchased.

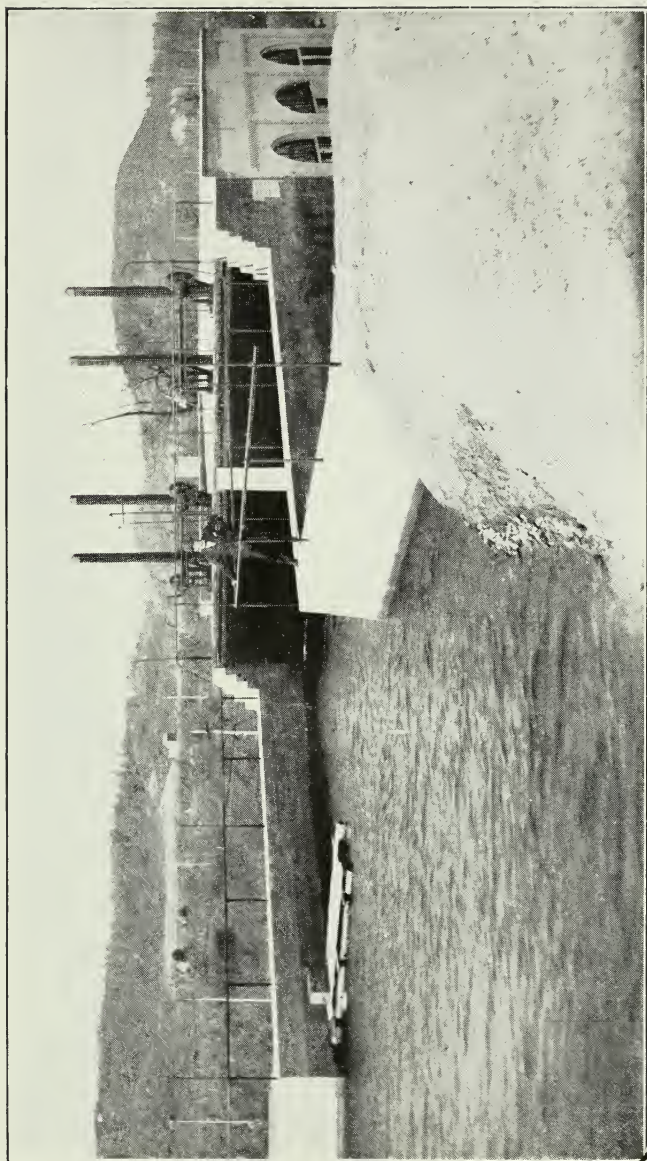
That the culverts on West Front street and on North Division street be repaired. The latter is an eye sore.

That typographic maps be made of city dam sites.

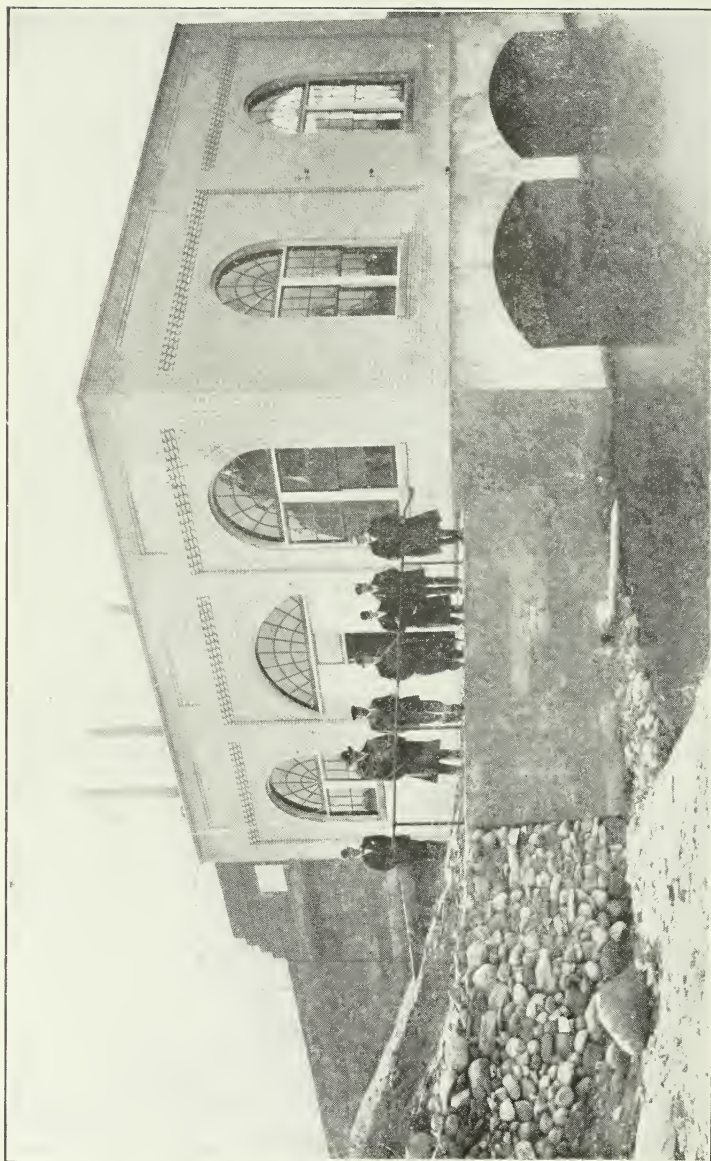
That the city properties be repaired, painted and beautified.

That the Fire Department be changed from horse drawn to motor equipment.

In concluding my remarks with a general summary of accomplishments, I wish to express my sincere thanks to the commissioners for their generous co-operation, to the City Engineer, Mr. Wm. A. Royce, and to my Street Foreman, Mr. Geo. Lutman, and to the various employees in my department who, by their united action and attention have assisted so



UPPER VIEW OF DAM.



VIEW OF CITY POWER HOUSE.

materially in my success. I wish to express my thanks.

Joseph Sleder,
Commissioner of Public Works and
Property.

City Engineer's Report

Jan. 1, 1916.

To the Mayor and City Commissioners, Traverse City, Mich.

1068A—Gentlemen: Attached hereto is a report made to me by the City Engineer, Wm. A. Royce.

Respectfully submitted,

Joseph Sleder,
Commissioner of Public Works and
Property.

Dec. 31, 1915.

Mr. Joseph Sleder, Commissioner of
Public Works and Property:

Dear Sir: I submit herewith a statement of the work performed under the direction of this department during the last year.

Streets—State street and Webster street were resurfaced last summer with a coating of tarvia. This is the first attention that these pavements have had since they were laid. As the life of pavements with bituminous surface is comparatively short, and after a certain length of time disintegration shows marked effects on the binding material, steps should be taken at the right time to preserve these improvements by proper maintenance. When the surfaces of such pavements become generally dry, it is then time to apply a seal coat of some bituminous material with sand or stone chips spread over the top. When this work is taken in time the coating may be applied cold and can be spread by the new pressure oil distributor that the city purchased last summer. By doing this work at the proper time you will maintain this class of pavement in a first class condition at a low cost.

Sidewalks—Six foot cement walks were constructed on the following streets:

	Ft.
Peninsula street, at intersection of Front	71.0
Oak street, from Ninth to Tenth streets	363.5
Tenth street, at Lake Ave...	59.0
Twelfth street, east of Cass street	50.0
Fifteenth street, between Pine	

and Rennie streets	381.3
State street, between Union and Pine streets	145.7
Front street, east of G. R. & I tracks	690.0
Intersections	35.0

Total	1,795.5
Cement walk 7 1-2 feet wide constructed on Sixth street, between Maple and Division streets	368.3

Total	2,163.8
Cross walks were constructed at the following intersections:	
Lake Avenue and Tenth street.	
Sixth and Division streets.	
Oak and Tenth streets.	

Bridges—The City of Traverse City has had more or less work done each year that required the bringing of a pile driver to the city. As considerable work has been outlined to do along the river it was decided best to build a driver, so one was constructed, the frame of which all bolts together, so it can be easily taken to pieces, moved to any part of the city and erected for operation. The hoist was built here and is operated by a 10 horse-power motor.

A concrete abutment was constructed at the south end of the North Union street bridge. This structure was designed to carry one end of a new bridge. In building this structure piles were driven and a row of 16 feet sheet piling was driven along the river on the dock line. The steelwork in the substructure of this bridge is in very poor shape, it was necessary to scrape the rust from these members, and several places were found badly corroded. It was necessary to have several of these places repaired in order to make this bridge safe for a couple more years, then the entire substructure was given a good coat of paint. Several new joists were laid and three inch oak plank was used as a covering. The new abutment did away with about 35 feet of planking.

66 feet of dockwall was constructed along the river at the foot of Cass street. The foundation of this is built on piling and sheet piling and is so designed that it can be used for an abutment when a bridge is desired across the river at this point.

A year ago new trusses and a few

new stringers were placed on the Eighth street bridge. This last fall the balance of the stringers were replaced by new ones and the whole bridge then covered with three inch oak plank.

The floor system of the Park street bridge was also overhauled. Several new stringers were used and 3 inch oak plank was used for covering. New sidewalks may be necessary on the two steel bridges next fall, but they may last till the following year with some minor repairs. Several new spindles were placed in the railing of West Front street bridge. Next year I would recommend that iron pipe railings be placed along each side of Front street at the ends of this bridge, and likewise along Wadsworth street for the culvert just south of Front street. These places are dangerous and should have a substantial railing.

Sewers—No very important sewer work was laid last year. A 3 inch sewer was built from the manhole at the intersection of Front and Garfield street to the fair grounds. Total length 750 feet. An 8 inch sewer pipe was laid to carry the water that collected on the property at the corner of Bay and Monroe streets across Bay street, and along the M. & N. E. Co.'s tracks to a pipe culvert leading to the bay. The creek running on Cedar street is now being carried in 24 inch cement tile across Bay street and under the M. & N. E. tracks to the bay. A 9 inch sewer was laid in the alley south of East Front street, from the trunk sewer in Railroad avenue west to Franklin street.

City Buildings—An addition to the city engine house was built last summer, making better quarters for the fire department, equipment and the police. This addition is two stories high, walls are of brick and the basement has concrete walls and floor. The first floor is of reinforced concrete and steel construction, the west 12 feet of the this floor being used for a city lockup, and five steel cells were built for this purpose. On the second floor four rooms were finished off for the police. A new boiler was installed for heating the whole building.

The roof of the City hall was re-coated with tar and gravel, new flash-

ing being used at the same time. A new metal ceiling was used in the Commission rooms.

The old tool house on Bay street was given a coat of tar paint.

Respectfully,

W. A. Royce,
City Engineer.

Inventory of City Engineer's Office.

Jan. 1, 1915.

1 roll top desk	\$ 15.00
2 sections Macey book cases.	12.00
1 filing cabinet	20.00
2 sections filing cabinets	15.00
2 book racks	5.00
1 map case	12.50
2 drawing boards and horses,	8.00
1 blue print frame	8.00
1 drawing table	10.00
3 chairs	8.00
1 blue print tray	2.00
1 Fairbank's cement testing scales	75.00
1 buff transit	250.00
1 Gurley level	50.00
1 range pole	2.00
1 levelling rod	6.00
1 pocket tape levelling rod..	2.00
2 steel tapes	6.00
1 steel straight edge	5.00
Miscellaneous tools and sup- plies	15.00
	<hr/>
	\$ 526.50

Weighmaster's Report

Weighmaster's Report.

Jan. 1st, 1916.

To the Mayor and City Commission,
Traverse City, Mich.:

1068b—Gentlemen: Attached hereto is a report of the City Market, as made to me by City Weighmaster H. A. Jobbett, for the period from Jan. 1st, 1915, to Jan. 1st, 1916.

Respectfully submitted,

Joseph Sleder,
Commissioner.

To the Honorable Mayor and City Commissioners:

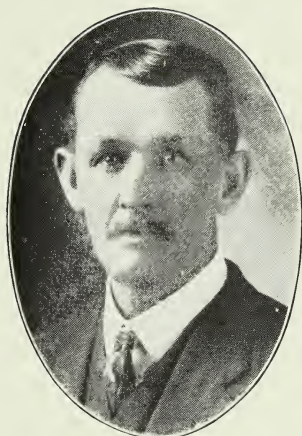
I hereby submit my annual report of the City Market:

Total number of loads weighed..5428

Total number of heads weighed..2257

Cash received during the year.\$568.50

Number of loads of stone to be



W. S. WILLIAMS
Supt. of Water Works.



WATER WORKS

credited, 459 45.90

Respectfully submitted,

Total receipts during the
year\$ 614.40

H. A. Jobbett,
Weighmaster.

Department of Public Health and Welfare

C. S. LONGNECKER, Commissioner of Public Health and Welfare.

Jan. 17, 1916.

To the Mayor and City Commission,
Traverse City, Michigan.

1070—Gentlemen: I submit herewith report of William Gifford, superintendent of the electric light plant, for the fiscal year 1915, together with financial statement.

Respectfully submitted,

C. S. Longnecker,

Commissioner of Public Health and Welfare.

Jan. 1, 1916.

Mr. Chas. S. Longnecker, Commissioner of Public Health and Welfare. The Mayor and Commissioners, Traverse City, Mich.

Gentlemen:—I take pleasure in submitting for your consideration a brief report of the physical condition of the electric light and power department, at this time, and also a summary of what has been accomplished during the year just passed.

The following installations were made:

Six boulevard posts were installed on Cass street bridge.

Wiring has been completed for four posts on East Eighth street bridge.

Three avenue posts were installed in Sunset park.

One avenue post was installed in Lake Avenue park.

One avenue post was installed at the new police headquarters.

One incandescent arc at Park street bridge.

One incandescent arc at Brown Lumber company mill.

One incandescent arc in alley back of Dreamland.

In addition to the regular upkeep expense of the plant the following repairs and improvements have been made.

When the powerhouse was built the coping used was of such nature as to allow the water to penetrate through it into the cement brick, which chipped badly when subjected to frost. For this reason repairs were necessary, and the entire top was removed and rebuilt. Vitrified coping was used which is impervious to water and will prevent a future occurrence of this kind. At this time the power house is in a better condition than when the property was purchased.

The butts of all the idaho poles in the main line, carrying the high tension current to the sub station, have been carefully cleaned, treated with creoseptine wood preservative, then a coat of tar, and then set in reinforced concrete. This will insure the life of these poles for many years to come.

The physical condition of the properties, as a whole is very good at the present time.

The consumers have again been favored with a reduction of rates, in the way of a liberal discount, which gives the City of Traverse City lighting rates far below the rates enjoyed by the average cities of the same size.

In closing I wish to thank the commissioners, and the people of Traverse City, for the hearty support and co-operation which has made the light and power department a success.

Respectfully submitted,

William Gifford, Supt.

Electric Light and Power Department.

City of Traverse City, Michigan.

Income and Expense.

Account, Station Expense.

Operating labor	\$ 1,599.14
Grounds and buildings.....	646.61
Dynamos and switchboards	50.66



BEN. F. CARSON
Chief of Police.



PEARL S. WATERS
Visiting Nurse and Police Matron.

Water wheels	18.25	Power	2,612.13
Dam and flumes	69.24		
Oil and waste	11.17	Total current income..\$	27,057.48
Tools	10.85	Less expense	19,324.71
Sub station	67.82		
Miscellaneous	53.75	Current profit	\$ 7,732.77
Total	\$ 2,527.49	Store—	
Outside Expense.		Sales, cash	\$ 1,586.66
Pole line	\$ 601.82	Sales, charged	9,407.02
Arc lights	1,366.72	Total sales	\$ 10,993.68
Incandescent lights	248.21	Less expense	10,467.42
Meters	371.35		
Transformers .....	.87	Store profit	\$ 526.26
Trimming arc lights	67.19	Wiring—	
Trouble	40.02	Wiring receipts	\$ 5,664.97
Renewals	31.08	Wiring expense	5,326.87
Shop	84.42		
Reading meters	177.42	Wiring profit	\$ 338.10
Pipe thawing	4.31	Poles	12.06
Total	\$ 2,993.41	Oil and waste	5.11
General.		Bond and interest fund—	
Lost time	\$ 135.85	Raised by taxation	10,375.00
Office labor	843.38	Summary.	
Supplies	186.76	Poles and cross arms.....\$	12.06
Interest	6,375.00	Store	526.26
Insurance	28.03	Wiring	338.10
Taxes	903.00	Current profit	7,732.77
Office expense	137.11	Oil and waste	5.11
Soliciting business	382.91	Bond and interest fund....	10,375.00
Superintendence	1,017.58		
Depreciation	3,427.32		\$ 18,989.30
Liability insurance	89.96	Less accounts of 1914	
Donations	123.59	and 1915 charged off...	5,175.69
Court fees	100.82		
Tax protest	52.50	Profit 1915, including money	
Total	\$ 13,803.81	raised by taxation	\$ 13,813.61
Income and Expense.		Depreciation, liability in-	
Wiring—		surance and old accounts	
Labor expense	\$ 1,490.28	of 1914	4,946.74
Material expense	3,836.59		
Total	\$ 5,326.87	Total	\$ 18,760.35
Store—		Gross profits for 1915	18,760.35
Inventory, Dec. 31, 1914..\$	3,836.72	Less amount raised by taxa-	
Stock purchases, 1915....	11,676.68	tion	10,375.00
Total	\$ 15,540.40		
Should be on hand	4,546.72	Plant and store profit....\$	8,385.35
Inventory Dec. 31, 1915..	5,072.98	Less depreciation, etc.....	4,946.74
Less	4,546.72		
Profit 1915	\$ 526.26	Net profit 1915	3,438.61
Income.		Assets.	
Income from Current—		Cash on hand	\$ 19,712.85
Metered	\$ 13,750.91	Accounts receivable	4,918.64
Schedule	10,694.44	Inventories — Store, \$5,-	
		072.98; contracts, \$13.25;	
		insurance, \$30.97; poles	
		and arms, \$218.25	5,335.45
		Plant—Buildings, \$3,177.61;	
		dynamo and S. B., \$12,-	
		278.93; water wheel, \$7,-	
		394.80; dam and flume,	

\$38,599.58; pole lines, \$12-181.65; arc lights, \$8,-593.86; transformers, \$9,-687.58; meters, \$6,540.32; tools, \$193.52; sub station, \$8,679.06; office furniture and F., \$323.88; distribution lines, \$31,-231.16; land, \$22,690.40....163,072.35
Interest and sinking fund., 5,000.00

\$198,039.29

Liabilities.

Bonds\$150,000.00
Hannah & Lay Merc. Co... 21.85
Interest due 531.25
Insurance due (liability).. 12.94
Taxes 1915 854.00
Deposit for current 32.00
Surplus 46,587.25

\$198,039.99

Water Works

January 17, 1916.

To the Mayor and Commissioners,
Traverse City, Michigan:

1070a—Gentlemen: I submit herewith financial report of the water works department of this city, together with report from W. S. Williams, superintendent, for the fiscal year 1915.

Respectfully submitted,

C. S. Longnecker,

Commissioner of Public Health and Welfare.

January 15, 1916.

Mr. Charles Longnecker, Commissioner, Department of Public Health and Welfare:

I submit herewith a brief summary of the work in the water works department for the year 1915.

The records show 848,233,000 gallons of water pumped during the year ending December 31, 1915; allowing 5 per cent for slippage, would show a total of 805,822,000 gallons delivered, an average of 2,207,000 gallons daily as against 2,436,000 gallons last year. The difference is no doubt due to a cold summer, therefore not as much water used on lawns.

The largest day's pumping was July 15th, 5,160,000 gallons being pumped; the smallest day's pumping was on November 15th, when we pumped 1,412,000 gallons.

During the year we have put in 68

new taps, installed 76 new meters, and made new wood covers for outside meters. In the past we have had considerable trouble with outside meters freezing and by putting on the covers we hope the air space will protect the meter from frost, and it will also make it more convenient to read meters when there is snow on the ground.

The fire hydrants have all been painted this year with paint made especially for that purpose, this being the first time the hydrants have been painted since they were installed. Three hydrants have been repaired which were broken by runaway teams, and two new hydrants have been installed in place of two old style barrel hydrants that were giving very poor service. Every hydrant was thoroughly inspected early in the fall; new valves were put in many of them so that they would be in good condition to withstand the winter without freezing.

We have 900 water meters now in service of the following make:

Hersey, 244; Worthington, 201; Keystone, 202; Trident, 171; Nash, 70; Crown, 4; N. Y. Standard 5; Desper-on Elevators, 3.

160 of the above meters are installed outside in lawns, balance in basements.

I would recommend the installing of more meters wherever it is possible.

Respectfully submitted,

W. S. Williams.

Water Department, City of Traverse City, Michigan. Balance Sheet. December 31, 1915.

Assets.

Deposits\$ 28,429.99
Accounts receivable 3,405.71
Inventories 3,392.65
Insurance 221.50
Plant—Real estate, \$8,-960.00; buildings, \$13,-965.00; boiler No. 1, \$2,-000.00; boiler No. 2, \$2,-000.00; pump No. 1, \$19,-000.00; pump No. 2, \$19,-000.00; intake, \$5,000.00; auxiliary machinery, \$745.00; mains, \$128,-466.27 hydrants, \$9,354.30; taps, \$19,374.23; meters, \$8,702.25; miscellaneous



UNION STREET BRIDGE—LOOKING NORTH.



UNION STREET—LOOKING SOUTH FROM FRONT STREET.

equipment, \$1,649.25..... 238,216.31

\$272,666.16

Liabilities and Ownership.

Bonds\$106,667.00

Accrued interest 1,321.47

Depreciation reserve 56,45 21

Schedule rates, advanced.. 2,141.48

Accounts payable 939.21

Ownership 95,819.51

Current year's profit..... 9,872.28

\$272,666.16

Income and expense—Year ending December 30, 1915.

Pumping expense—Engi-

neers, \$2,132.30; firemen,

\$1,737.75; fuel (coal,

\$783.28; wood, \$2,011.13),

\$2,794.41; oil, \$107.97;

soap, \$3.40; waste, \$19.27;

packing, \$107.90; elec-

tric light, \$220.10; power

\$17.24\$ 7,140.34

Maintenance expense—Boil-

er No. 1, 345.15; boiler

No. 2, 188.93; pump No.

1, 54.84; pump No. 2,

57.35; electrical equip-

ment, \$9.66; buildings,

\$45.95; mains, \$238.87;

hydrants, \$455.41; intake,

\$1.50; auxiliary machin-

ery, \$89.68; grounds,

\$32.60; sprinkling valves,

\$93.45; services, \$186.19;

meters, \$213.68; miscel-

laneous equipment, \$218.19

Chloride 40.52

General expense—Superin-

ters, \$96.95; inspec-

hire, \$600.00; miscellane-

ous office supplies, \$90.24;

telephone, \$12.90; post-

age, etc., \$47.05; laundry,

\$4.00; liability insurance,

\$30.75; depreciation, \$5,-

395.20; insurance, \$108.60;

interest, \$4,814.18; re-

fund, \$57.76; reading

meters, \$96.59; inspec-

tions, \$24.40; turning off

and on, \$189.20; lost time,

\$10.50 11,947.93

Revenue expense—Extra la-

bor 20.50

Revenue—Water sales:

Schedule rates, \$11,499.07;

meter rates, \$9,027.47;

street sprinkling, \$355.00;

city cemetery, \$350.00;

Catholic cemetery, \$33.00;

hydrant rental, \$9,100.00;

extra water, \$14.25\$ 30,358.79

Revenue—Miscellaneous:

Taps, \$355.00; installing

meters, \$87.00; labor sold,

\$13.00; interest on depos-

its, \$575.44 1,030.44

Summary:

Revenue—Water sales.....\$ 30,358.79

Less pumping expense... 7,140.34

Pumping profit\$ 23,218.45

Revenue, miscellaneous.... 1,030.44

\$ 24,248.89

Less—Maintenance, \$2,-

231.45;; chloride, \$40.52;

outside revenue expenses,

\$20.50 2,292.47

Gross profit\$ 21,976.92

Less—General expense.... 11,968.43

Net profit\$ 10,008.49

1914 expense paid in 1915—

Liability insurance, \$79.96;

auditing books, \$56.25.... 135.21

\$ 9,872.28

City Health Officer

Jan. 16, 1916.

To the Mayor and City Commissioners, Traverse City, Michigan.

1070B—Gentlemen: I attach hereto report made by the Health Officer, Dr. G. A. Holliday, for the fiscal year of 1915:

Respectfully submitted,

C. S. Longnecker,

Commissioner of Public Health and Welfare.

To the Honorable Mayor and City Commissioners of the City of Traverse City:

Gentlemen: I have the honor to submit to you the annual report of the Health Officer for the year ending Dec. 31, 1915.

Traverse City has been very fortunate in the past year in not having any serious epidemics of any contagious disease. This has been largely due to the fact that the citizens generally are realizing the importance of co-operating with the Board of Health in preventing, rather than tolerating disease. The campaign of education along health lines is bearing fruit in Traverse City, and while

much has been done in regard to better sanitation, yet there is a vast amount of work to do along this line. For a number of years the garbage question comes up for a discussion and is not yet settled. Delay in this matter is dangerous to the public health, and I would strongly urge the commission to take up this matter at once and devise some plan that will be in full swing before the warm weather comes. Traverse City can never be a clean city so long as the garbage is not properly collected and disposed of.

We are justly proud of the condition of the city drinking water as the many reports from Lansing show it to be practically free from disease germs. This is largely due to the present system of treating the water before it enters the city mains.

The following is a list of deaths during the year:

Total number of deaths 325
Of which 180 occurred at the State hospital. These being in all cases non-resident.

The causes of death are as follows:

Diseases of the brain and nervous system	59
(Nearly all of these being State hospital patients.)	
Tuber culosis	46
(Majority of these also at the State hospital.)	
Diseases of the heart	38
Arteriosclerosis	24
Apoplexy	22
Pneumonia	21
Diseases of the kidney	15
Still-born	15
Old age	14
Septic conditions	11
Accidents	10
Cancer	11
Paralysis	6
Acute Delirium	6
Suicides	5
Acute Ileocolitis	3
Appendicitis	2
Acute Indigestion	2
Whooping cough	2
Anemia	2
Chorea	2
Malnutritian	2
Rheumatic fever	3
Convulsions, membranous croup, uremia, epilepsy, (each one)...	4
Total	325

The 325 deaths in the city were of the ages as follows:

Still-born	15
One day to one year	17
One year to 15 years	9
15 years to 30 years	22
30 years to 50 years	71
50 years to 80 years	167
Over 80 years	24

Total 325

During the past year there have been 194 births in the city, of which 88 were male and 106 female.

The following is a list of contagious diseases during the year:

Typhoid fever, 11; diphtheria, 12; scarlet fever, 5; whooping cough, 32; chicken pox, 6.

I have investigated 122 reported nuisances, most of which were real, and some fancied.

Respectfully submitted,

G. A. Holliday,
Health Officer.

City Nurse

Jan. 17, 1916.

To the Mayor and Commissioners,

Traverse City, Michigan:

1070C—Gentlemen: I submit herewith report of Pearl S. Watters, visiting nurse, for the fiscal year 1915:

Respectfully,

C. S. Longnecker,
Commissioner of Public Health and Welfare.

Report of visiting nurse from Jan. 1, 1915 to Jan. 1, 1916:

Total number of patients nursed in the year, 185.

Total number of visits made in the year, 953.

Visits made for Metropolitan Life Insurance Co., 418.

Visits made for Grand Traverse Co., 39.

Visits made for pay cases, 45.

Visits made for B. A. C., 451.

Received from Metropolitan Life Insurance Co., \$208.50.

Received from county cases, \$19.00.

Received from pay cases, \$29.00.

Total, \$256.50.

Amount due from pay cases, \$19.00.

Amount due from Oct. 1914, \$7.50.

Total, \$26.50.

Sanitary Police Work—Number of families, 63.

Number of visits, 237.

Calls made as probation officer, 176.



THOS. C. MURRAY
Fire Marshal.



CASS STREET FIRE DEPARTMENT.

Investigations made as police man-
trout, 74.

Calls made with State Board of
Health nurses, 12.

Special Work—1 delinquent girl
sent to Adrian.

1 delinquent boy sent to Lansing.
8 delinquent girls and boys sent to
Detention home.

2 patients to Ann Arbor.
1 patient to Bellaire.

1 patient to Lapeer.
Total number of calls, 1,452.

Pearl S. Watters,
City Nurse.

Meat and Milk Inspector

January 17th, 1916.

To the Mayor and Commissioners,
Traverse City, Michigan:

1070d—Gentlemen: I attach hereto
report of O. H. Core, meat and milk
inspector, for the fiscal year 1915.

Respectfully submitted,

C. S. Longnecker,

Commissioner of Public Health and
Welfare.

Annual Report of Meat and Milk In-
spector, 1915.

During the year 97 visits were made
to dairy farms, 150 visits to meat mar-
kets and 15 visits to dairy depots. 212
tests of milk and 84 tests of cream
were made.

Conditions for the year were very
satisfactory. A few dairy farms were
ordered to clean up, which responded
very promptly. Several tests of cream
were below standard, but promptly
corrected.

From the meat markets one quarter
of beef was once condemned and at
another time a whole carcass of beef
was condemned.

City of Traverse City Milk Inspect-
or's Inventory, Jan. 1, 1916:

1 ice box, 1 centrifuge, 1 pair milk
scales, 1 milk stirrer and dip, 1 pint
measure, 1 quart measure, 1 floating
dairy thermometer, 2 pint glass sp. gr.
measures, 4 boxes cotton filtre pads,
12 capped $\frac{1}{2}$ pint bottles, 5 $\frac{1}{2}$ -pint
bottles not capped, 1 lactometer, New
York board of health; 1 sediment
tester, 1 milk and cream pipette, 3
milk test bottle brushes, 1 acid mea-
sure, 1 acid jug, 1 acid bottle, 2-quart.
Books: One Official Proceedings of

Traverse City Council, 1909, 1 ordi-
nance of T. C., 1906.

Valued at about \$65.00.

O. H. Core, D. V. M.
Inspector.

Poundmaster and City Scavenger

Jan. 17, 1916.

To the Mayor and Commissioners,
Traverse City, Michigan.

1070-E—Gentlemen: I attach hereto
report of the Poundmaster and City
Scavenger for the year 1915.

Respectfully submitted,

C. S. Longnecker,
Commissioner of Public Health and
Welfare.

To the Honorable Mayor and City
Commissioners:

My report from Dec. 15, 1914, till
Dec. 25, 1915.

Dogs killed and buried 183

Horses killed and buried..... 27

Horses died and buried 63

Cats died and buried 36

Dogs in pound and redeemed.... 29

Horses in pound and redeemed.. 9

Cows in pound and redeemed 18

Chickens in pound and redeemed 3

Horses in pound at present time 1

Dogs in pound at present time.. 11

Horses in pound for not being tied

according to law 6

Female dogs running at large,

caught and killed 21

Female dogs running at large and

redeemed 3

Dogs run over by automobiles .. 2

Dogs run over by teams 4

Dogs found dead in alleys, streets

and river 7

Dogs sold and sent outside of city

limits 17

Calves died and buried 1

Pigs died and buried 3

Chickens found dead and buried.. 8

Dogs and cats that died and had

to kill for people 19

Cow in pound sold after 10 days. 1

Sold cow for \$23.00 1

Gave Glen Silvers \$7.25 for tak-

ing care of cow 1

Turned over balance of money

on sale of cows to I. Winnie \$15.75

Closets cleaned in city limits ... 527

Closets cleaned outside of city

limits 2

Cesspools cleaned 26

Rubbish removed from places 41

Garbage removed from places.. 143

Notices served for cleaning

closets, yards and alleys	72	Dog taxes collected by me	29
Notices served for sewer connections	23	Calls made to the Wequetong club house in regards to dogs..	3
Notices served and arrests made for burying closets	6	Notices served and arrests made for not paying dog taxes	14
Arrest made of three drunks and turning them over to Chief Carson	3	Notices served and arrests made for dumping garbage in river..	1
Calls made through Chief of Police Carson	69	Notices served and arrests made for not cleaning up.....	2
Calls made through Patrolman Wright	14	Arrests made for interfering while doing my duty	1
Calls made through Patrolman Olson	9	George W. Gegner,	
Calls made through Patrolman Canfield	1	Sanitary Police and City Poundmaster.	
Calls made through health officer Connected to sewer	43		
Closets in Traverse City not connected better than	38		
Cesspools in Traverse City not connected better than	1400		
Sewer connections made but not finished	31		
Closets not connected in Boonville private houses	2		
Closets not connected in Boonville school house and factory..	33		
Closets not connected in Second ward, about	2		
Private houses and factories visited in regard to dog taxes	550		
Places I wrote to outside of city in regards to cleanup	107		
Calls made through Chief of Fire Department	18		
Calls made through the mayor ..	8		
Calls made through Mr. Longnecker	3		
Calls made through Mr. Sleder ..	46		
Calls made through Mr. Lardie..	5		
Calls made through Mr. Nash....	7		
Notices I gave to Chief of Police and served by him	17		
Places visited by Chief of Police and myself in regard to cleanup	11		
Cleaning up Chinese Laundry through Mr. Longnecker	6		
Hauling cinder and filling holes in alleys and places	1		
Removing manure from alleys and places ..	14		
Put team in Silver's barn for not being tied	23		
Horses killed on account of broken legs	1		
Horses killed on account of old age	5,000 feet 3-4 inch hose		\$ 300.00
Horses killed on account of being down and could not get up	2 4 cycles		2.00
Horses killed in runaway	2 crowbars		1.50
	11 1 canvass, 1 dirt cover for grave		15.00
	13 Linings		1.50
	1 10 sprays		15.00

Cemetery

To the Mayor and City Commission, Traverse City, Mich.

1070F—Gentlemen: Hereto attached is an inventory of the equipment at the City Cemetery, also a summary of the work done in this department for the year ending Dec. 31st, 1915.

During this period there have been sold 33 lots and 15 single graves. Nearly all of these have been purchased graded and seeded in the new addition, thus greatly improving this part of the cemetery.

The total number of graves dug including burials and removals for this period were 122.

The receipts for caring for lots, extra labor, grading, etc., during the past year amounted to \$1,453.51.

An ordinance was passed in 1914 setting aside the receipts from the sale of lots into an Extension and Improvement fund. The amount in this fund to date is \$620.66.

The ordinance passed in Feb. 1914, providing for the perpetual care of lots is being taken advantage of particularly by parties who no longer reside here but wish to know that their lots are properly cared for in their absence.

The amount in this fund to date is \$350.00.

Respectfully submitted,

C. S. Longnecker,

Commissioner of Public Health and Welfare.

Inventory of Cemetery Equipment.

5,000 feet 3-4 inch hose	\$ 300.00
2 4 cycles	2.00
2 crowbars	1.50
11 1 canvass, 1 dirt cover for grave	15.00
13 Linings	1.50
1 10 sprays	15.00

2 axes	2.00	3 scythes	3.00
2 lawn mowers	6.00	15 iron benches	25.00
4 steel rakes	2.00	18 wooden benches	18.00
3 lawn rakes .....	.75	1 wagon	10.00
3 shovels	2.00	2 ladders	3.00
1 spade .....	.75	1 set sleighs	10.00
2 pair pruning shears	2.00	3 large size grave curbing ..	7.50
3 wheelbarrows	3.00	5 small size grave curbing ..	7.00
3 pair sheep shears	1.50	1 chain	4.00
2 pipe wrenches	2.00		
1 grindstone	3.00		
			<hr/>
			\$ 447.50

Department of Public Safety

GEORGE W. LARDIE, Commissioner of Public Safety.

Police Department

Jan. 1, 1916.

To the Mayor and City Commission,
Traverse City Mich.

1069—Gentlemen: I present herewith the annual report as made to me by Chief of Police Ben F. Carson, for the year from January 1st, 1915 to January 1st, 1916.

Respectfully submitted,

Geo. W. Lardie,

Commissioner of Public Safety.

To the Honorable, the Mayor and Commissioners of the City of Traverse City.

Herewith I beg to submit the yearly report of the City Police Department for the year ending December 31, 1915:

I wish to express my deep gratitude to the Mayor and Commissioners for their complete co-operation with the Police Department at all times, and any service or efficiency which this department has rendered the people of Traverse City has been a direct outgrowth of the interest and help of the Mayor and Commissioners.

Respectfully,

Ben F. Carson,

Chief of Police.

To the Honorable, the Mayor and City Commissioners of the City of Traverse City:

Report of the Police Department for the year ending December 31, 1915:

Arrests	364
Drunk and disorderly	231
Common disorderly	11
Vagrancy	22
Larceny	5
Petit larceny	5
Assault and battery	7
Begging	3
Forgery	3
Embezzlement	1
Insane	6

Rape	1
Grand larceny	1
Threatening life with gun	1
Breaking in and stealing	2
Tacking signs on stores	1
Draying without license	1
Violation of dog tax law	7
Dumping decayed vegetation in river	1
Taking marker off street corner and throwing it in river	1
Obtaining money under false pretense	1
Wife desertion	1
Using indecent and profane language	2
Violation of city traffic ordinance	1
Driving on sidewalk with wagon	1
Speeding automobile	13
Attempting to steal automobile	5
Taking automobile without leave of owner	3
Careless driving automobile on streets	2
Defrauding hotel	3
Defrauding livery	2
Wilful destruction of property ..	1
Breaking glass in windows	6
Allowing minor student to play pool in pool room	4
Taking school girl to resort for immoral purposes	2
Keeping rooming house for immoral purposes	1
Cruelty to horse	3
Held for sheriffs of other counties	3
Lost children found and returned to parents	30
Bicycles reported lost or stolen ..	90
Bicycles recovered and returned to owner	67
Red light calls investigated	180
Telephone calls investigated	1756

Respectfully submitted,

Ben F. Carson,
Chief of Police.



FRONT STREET.



STATE STREET—LOOKING WEST.

Inventory Police Department—Office.
 3 office desks\$ 50.00
 11 office chairs 44.00
 1 office heating stove 8.00
 1 county atlas 10.00
 Other books 10.00
 1 pair of hand cuffs 4.00
 Total value of office furniture,
 on hand\$ 126.00
 Respectfully submitted,

Ben F. Carson,

Chief of Police, Traverse City, Mich.
 To the Mayor and City Commission,
 Traverse City, Mich.:

1069a—Gentlemen: I present herewith report of the fire department as made by City Fire Marshal T. C. Murray for the year ending Dec. 31st, 1915.

Respectfully submitted,

Geo. W. Lardie,

Commissioner of Public Safety.

Fire Department

To the Honorable, the Mayor and Commissioners of the City of Traverse City, Michigan:

Gentlemen: I have the honor to herewith submit to you the nineteenth annual report of the Traverse City fire department for the year ending December 31st, 1915.

During the year the department responded to 76 alarms, laid 27,000 feet of hose, traveled 41 miles and worked 117 hours at fires, on which the loss amounted to \$10,379.00. The insurance on same was \$47,200.00.

Causes of Fires—Defective chimneys, 6; overheated stoves, 2; sparks from machinery, 1; burning rubbish, 3; spontaneous combustion, 3; defective stovepipes, 4; sparks from chimneys, 6; dust in boiler room, 1; carelessness with cigars and cigarettes, 4; defective wiring, 1; oil stove explosion, 2; sparks from locomotive, 3; gasoline explosion, 1; children playing with matches, 2; friction, 2; fireworks, 1; defective furnaces, 2; unknown, 5; chimney fires, 22; false alarms, 5.

Fire Department Property.

5 horses\$ 1,475.00
 5 harnesses 215.00

7 horse blankets	21.00
2 combination wagons.....	800.00
3 sleighs	225.00
1 exercise wagon	75.00
4 hose carts	300.00
1 hook and ladder hand truck	75.00
1 55-ft. extension ladder....	135.00
3 25-ft. extension ladders...	165.00
2 16-ft. roof ladders.....	56.00
50 feet of 3-inch hose	60.00
6,000 feet of 2½ inch hose..	5,000.00
10 nozzles	210.00
3 hand extinguishers	45.00
2 Sibirien nozzles	75.00
1 insulated wire cutter	25.00
1 hose shut-off	15.00
2 Ahrens steam fire engines	8,000.00
2 connections	20.00
1 reducer	10.00
2 two-way Slamese	20.00
1 Pyrine	5.00
1 hose expander	15.00
33 Gamewell alarm boxes...	3,995.00
5 Signalphone alarm boxes..	325.00
14 miles of overhead wire..	485.00
1 Gamewell indicator	100.00
1 Gamewell punch register at water works	75.00
1 Gamewell alarm gong at water works	50.00
1 Signalphone punch register	50.00
1 Signalphone gong	18.00
58 gravity battery jars and contents	45.50
1 switchboard	25.00
11 beds, mattresses, blan- kets, etc.	237.00
1 writing desk	25.00
16 chairs	40.00
2 brass sliding poles	35.00
1 buggy	73.00
4 axes	8.00
4 runners for engine	50.00
Skids for loading engines...	30.00
1 bench vise	3.75
1 stove	4.50

Total\$20,716.75

In conclusion I desire to tender my sincere thanks to his honor, the mayor, and commissioners for the hearty support given this department.

Respectfully submitted,

T. C. Murray,
 Fire Marshal.

City Library

Trustee's Report

To the the Honorable Mayor and Commissioners of the City of Traverse City, Michigan:

1071—Gentlemen: The Board of Trustees of the Public Library of the City of Traverse City have the honor to submit their twelfth annual report.

We feel that the library is doing a great educational work for all classes of people in Traverse City. It is worthy of note that the work of the library is increasing each year. The books issued in 1915 shows an increase of 3,517 or more than 8 per cent over the previous year, and the number of patrons in the reading room has increased 1,517 or more than 8 per cent over the previous year. In the past five years the number of books issued has increased 300 per cent and the number of the patrons in the reading room has increased more than 50 per cent during the same time.

July 1, 1915, Miss Alice Wait was put in full charge of both the main library and the Oak Park Branch library. This was done in the belief that the plan would bring about greater efficiency in management and a better correlation in the work of the two libraries.

The library club room has been used throughout the year by the Woman's Club and by five high school literary societies. The reading rooms are crowded every evening in the week by high school students who come to consult the various reference books that deal with their daily work in the school and with the work of their literary and debating societies. We feel that this is the proper condition and that the library should at all times do all in its power to assist the schools in their work. There should be very close relations and good working harmony between the library and the schools of the city.

We will endeavor to cater to the needs of the public school and of the general reading public and we ask for the suggestions and assistance of all citizens of the city in our efforts to make the library efficient and helpful.

We wish to thank the Mayor and City Commission for their interest and help in this important branch of our city government.

Respectfully,

Mrs. Julia S. Umlor,

Lee Hornsby,

Leon F. Titus,

Trustees.

Librarian's Report

To the Board of Library Trustees:

I have the pleasure of presenting to you the twelfth annual report of the Traverse City Public Library for the year January 1st to December 31st, 1915.

Circulation.

The year 1915 has shown a marked increase both in the number of books circulated and the attendance in the reading-rooms. 32,337 books were issued from the main library and 12,850 from the Branch library making a total circulation of 45,187 volumes, an increase of 3,517 over the year 1914.

Reference and Reading Rooms.

The demand for reference work continues to increase and 19,646 persons have visited the reading rooms, an increase of 1,517 over the previous year.

The following are some of the books added to help in this department:

Cyclopedia of Education, 5 vols.

Famous Living Americans.

Index to Short Stories.

Masters of Achievements.

New International Encyclopedia.

Standard Reference Work, 7 vols.

Books.

During the year 676 books were



MRS. JULIA UMLOR
Library Trustee.



MISS ALICE M. WAIT
Librarian



LIBRARY BUILDING.

added to the main library and 176 to the branch library. Among these were a number of books on the European war. This fall we purchased a number of books to help the students in the University Extension classes.

Rental Collection.

The rental collection continues to be a benefit to the library in adding the new fiction which otherwise we could not have. 72 books were added this year at the sum of \$69.34 which was collected from the rent of these books. 74 books were withdrawn from the rental and placed with the general collection of fiction.

Work With the Children.

When the library was built the east reading-room was intended for a children's room, but at that time it was not thought best to place the children's books in there, but instead a corner of the stack room was reserved for them. The work with the children has increased to such an extent that the first of this year we moved the children's books into this room. We still need some pictures to make it more attractive.

10,968 Juvenile books were issued this year from the main library and 7,550 children visited the reading rooms.

Story Hour.

1,825 Children attended the Story Hour with an average attendance of 65.

Branch Library.

The Branch Library continues to be a benefit to the east side of our city. 12,850 books were issued from this library, an increase of 1,348 over the year 1914. 6,139 persons visited the reading-room.

Conventions.

In October, Miss Evelyn Hammond, assistant librarian, was sent as a delegate to the meeting of the Michigan Library Association at Ann Arbor.

Staff.

The librarian was granted a three months leave of absence the last of March, and during her absence Miss Evelyn Hammond acted as librarian with Miss Edna La Franier and Miss Ruth Robertson as assistants. The first of June Mrs. Josephine Hector resigned her position as librarian of the branch library, to accept the position as librarian of the Carnegie library at Angola, Ind. The first of July Miss

Edna La Franier was made librarian of the branch library and Miss Ruth Robertson accepted the position at the main library. The first of September Miss Mary Moffatt entered the library as an apprentice.

Auditorium Room.

The Auditorium room has been used regularly during the year by the Woman's Club, City Federation of Clubs, Ministerial Association the Orphean Musical Club, two High School Boys' Debating Societies and the Girls' Literary Societies.

Improvements.

It was ten years this last February since we moved into our new building and it was very much in need of some repairs. This summer we had all the woodwork on the exterior of the building painted, a hard wood floor laid in the Auditorium room, also a rug was purchased for this room and new linoleum placed on the floor of the work room.

Binding.

During the year 418 books were rebound and 120 volumes of magazines were bound to help in the reference work.

Gifts.

50 books, several magazines and numerous pamphlets were presented to the library during the year. We are indebted to the Herald and Record Company for a daily copy of their paper.

In closing I wish to express my appreciation to the members of the Board of Trustees for their loyal support and to my assistants for their hearty co-operation in the library.

Respectfully submitted,

Alice M. Wait,
Librarian.

Statistical Report.

Number of adult books issued by classes:

	Main Library.	O. P.
Fiction	17,663	4,289
Philosophy	81	9
Religion	117	17
Sociology	413	109
Philology	15	
Natural Science	168	77
Useful Arts	288	77
Fine Arts	508	37
Literature	626	154
History	299	74
Travel	277	89
Biography	203	27

General Works	711	356	Religion	35	12
	21,369	5,315	Sociology	104	40
Total number of Adult Books issued, 26,684.			Natural Science	66	40
Number of Juvenile Books issued by classes:			Useful Arts	36	8
	Main	O. P.	Fine Arts	33	6
	Library.		Literature	30	24
Juvenile Fiction	9,174	5,625	History	60	28
Philosophy		8	Travel	55	30
Religion	87	44	Biography	56	16
Sociology	690	538	General Works	80	25
Philology		5		1,886	697

Total number of Juvenile books, 2,583.

Total number of books in the library, 15,928.

Number of Adult books added this year by classes:

	Main	O. P.
	Library.	
Fiction	206	63
Philosophy	5	
Religion	19	18
Sociology	41	4
Philology		2
Natural Science	17	1
Useful Arts	30	3
Fine Arts	9	
Literature	33	2
History	8	1
Travel	20	6
Biography	9	
General Works	97	13
	494	113

Total number of Adult Books added this year, 607.

Number of Juvenile Books added this year by classes:

	Main	O. P.
	Library.	
Juvenile Fiction	142	44
Religion	6	5
Sociology	7	6
Natural Science	5	3
Useful Arts	3	
Fine Arts	5	
Literature	3	1
History	1	
Travel	3	1
Biography	2	
General Works	5	3
	182	63

Total number Juvenile Books added during the year, 245.

Total number of new books added this year, 852.

Number of persons visiting Reading Rooms:

Juvenile Fiction	9,174	5,625
Philosophy		8
Religion	87	44
Sociology	690	538
Philology		5
Natural Science	202	353
Useful Arts	112	60
Fine Arts	124	69
Literature	90	227
History	108	197
Travel	96	157
Biography	97	68
General Works	188	184
	10,968	7,535

Total number of Juvenile Books issued, 18,503.

Total number of Adult and Juvenile Books issued, 45,187.

Number of volumes in the library by classes:

	Main	O. P.
	Library.	
Fiction	2,964	583
Philosophy	97	7
Religion	184	21
Sociology	329	13
Philology	39	8
Natural Science	317	23
Useful Arts	254	18
Fine Arts	215	1
Literature	834	59
History	658	108
Travel	352	57
Biography	341	36
General Works	1,145	141
Michigan Documents...	381	
Michigan Pamphlets ..	544	
U. S. Documents	2,856	
Geologic Atlases	218	
Art Collections	4	
Stereoscope Travels	6	
	12,270	1,075

Total number of Adult Books, 13,345.

Number of Juvenile books in the Library by classes:

	Main	O. P.
	Library.	
Juvenile Fiction	1,330	466
Philosophy	1	2

	Main		Number of volumes rebound, 418.
	Library.	O. P.	Number volumes of periodicals re-
Men	3,820	555	bound, 120.
Women	2,137	554	Rental collection:
Children	7,550	5,030	Number of books in Rental col-
			lection Jan. 1, 1914..... 52
	13,507	6,139	Number of new books added dur-
Total number in reading rooms,			ing the year 72
19,646.			
Number of patrons enrolled: Main			Total of new books added dur-
library, 3,502; Oak Park Branch, 380.			ing the year 124
New patrons added during the year:			Number of books withdrawn from
Main library, 504; Oak Park Branch,			rental during the year 74
190.			
Number of children attending the			50
story hour: Main library, 1,426; Oak			Number of books lost and paid for 1
Park Branch, 399. Average attend-			
ance at story hour, 65.			Number of books in Rental, Jan.
	Main		1, 1916 49
	Library.	O. P.	
Magazines purchased..	71	16	Amount of money collected from
Magazines donated	10	4	the rent of the books and used to pur-
Newspapers purchased.	3		chase new books for the Rental, \$69.34.
Newspapers donated...	2		List of Donors: Association for In-
			ternational Conciliation, M. H. Carroll,
	86	20	Miss Anna Dahlin, Mrs. J. C. Darragh,
	Main		General Education Board, N. Y., Grand
	Library	O. P.	Rapids (Mich.) Public Library, Mrs.
Number of books worn			Effie Hainstock, Herald & Record Co.,
out	90	9	Lansing (Mich.) Public Library, Mr.
Number of books worn			George E. Metcalf; Mrs. Wm. D. Mey-
out and replaced.....	57	8	er, Chicago; Michigan State Library,
Number of books lost..	17		Lansing, Mich.; O. W. Norton, Chi-
			cago; Arthur Shadwell; Trustees for
	164	17	Mrs. Mary Baker Eddy, Boston; Uni-
Total number of books worn out,			versal Portland Cement Co., Chicago;
lost, destroyed or missing, 181.			Washburn & Crosby Co., Minneapolis.

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ANNUAL REPORTS

of the

City of Traverse City

Michigan



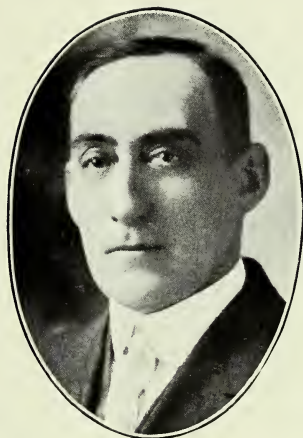
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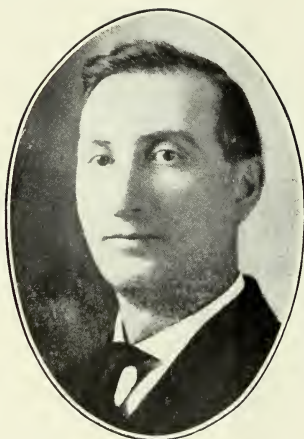
of the

City of Traverse City Michigan

For the Year Ending December 31st, 1916.



C. L. GREILICK
Mayor.



WM. H. NASH
City Clerk.

Department of Public Affairs

C. L. GREILICK, Mayor.

Mayor's Annual Message.

Traverse City, Mich., Dec. 27, 1916.

Citizens and Gentlemen of the Commission:

In retiring from two years service as mayor of this city, I wish to say that I have thoroughly enjoyed working with the Commission, and while I may experience some regret and feel more or less unrestrained on being relieved from duty, I am somewhat disappointed that more was not achieved in the years 1915 and 1916. While it may not have been either feasible or possible for the Commission to accomplish more along certain lines, I feel that much has been done in the way of permanent improvements, and other work started that has been necessary and which I hope may be continued.

The reduction of taxes is a matter much discussed and demanded, and while it should be given serious consideration, I believe there is more economy in properly maintaining the public property, streets, walks, parks, water and electric light plants, etc., according to a standard adopted by individuals and corporations, than to neglect the work for the purpose of making a showing for a period and then have it cost more to regain a respectable condition, than would have been necessary, had the work been kept in proper order continuously.

We are living in an age that is studying efficiency in every branch of activity and endeavor, whether it be the home, the school, the factory or municipality, and methods will not answer that were acceptable twenty or even ten years ago. People are de-

manding improvements that are in keeping with the times, and the city, as do individuals, find each year that it costs more to build and repair. The individual keeps his home in repair, the progressive merchant his store and fixtures, the successful manufacturers their buildings and machinery. And why should not the city do likewise?

An important work is that of curb and gutter for the main traveled streets, where not consistent to have them paved, or any street where the property owners are interested in permanent and general civic improvement. The care of streets since the coming of the automobile has become a perplexing proposition and demands persistent and intensive work. I maintain that a well organized patrol for the repair of streets will save the city many hundreds of dollars each year.

When the office of full-time health officer was created, this city was the fourth in the state to have such a department. True, there are other cities that now have this important officer, but the time is near when municipalities will be obliged to maintain departments of this nature, and I hope it may be continued in our city, as we are liable at any time to have as great need for the officer as we did this fall, and can any fair-minded citizen question the saving to the community in many ways?

To further guard our health and allow those who wish to have sanitary homes, there should be a system of garbage collection installed and a means devised for destroying it. I believe our citizens should patronize

its own institutions, but it is asking really too much to expect them to trade at the city dump grounds, four miles distant. I hope that a sufficient amount will be included in the 1917 budget to erect and maintain a garbage incinerator on the water works property. Many cities are installing this style of equipment for destroying garbage and rubbish with a general satisfaction both as to efficiency and cost of operation.

There are many other items that might be discussed, but all things of importance will be dealt with by the Commissioners of the several departments, and will be made a matter of record, and I suggest that they be carefully read by each and every one

of our citizens. The faith in my successor points out a path that leads beyond the borders of my way, and it is my hope that where I faltered may his step be firm.

In behalf of the Commission, I wish to thank the public for the generous, continuous and courteous manner in which they have assisted all the officials in the discharge of their duties, and I ask each citizen that they give to the 1917 and 1918 Commissioners and mayor their hearty co-operation to the end that every one may act as a unit toward the advancement of the city's interest.

Respectfully submitted,

C. L. Greilick.



JOHN R. SANTO
Commissioner of Finance.



C. S. LONGNECKRR
Commissioner of Public Health and
Welfare.

Department of Finance

JNO. R. SANTO, Commissioner of Finance.

The question of Finance is one in which every taxpayer is vitally interested. We operate on the budget system and endeavor just so far as possible to keep the expenditures within the appropriations and the appropriations within the real necessities.

As is already known, the percentage of tax for 1916 was lower than that of 1915, and this in view of the assessed valuation being nearly \$200,000 lower than 1915. From present indications we feel free to announce that the requirements for 1917 will be lower than 1916.

An auditor has been appointed whose duty it is to make a monthly audit of all books, thereby insuring accuracy in all book-keeping and accounting departments.

Early in the year a sinking fund commission was created by ordinance, and the following bonds purchased and cancelled upon its recommendation.

\$15,000 refunding bonds.

\$14,667 water works purchase bonds.

\$2,000 park improvement bonds, and, the school board pursuing a like course with \$10,000 of school bonds, made a saving in interest to the taxpayers, in all, \$3,326.25.

Negotiations are pending for the purchase of a block of the city lighting plant bonds, which, if carried through, will make a still further saving in our interest account.

We give below, statement showing the present bonded indebtedness of our city:

Refunding bonds	\$ 7,000.00
Water works bonds.....	92,000.00
Bridge bonds	6,000.00
Street intersection bonds...	26,000.00

Park and Improvement bonds	5,000.00
Electric light bonds.....	150,000.00
Athletic Field bonds.....	50,000.00
School bonds	40,000.00
Total	\$376,000.00

As the water works and electric light plants are considered self-supporting, by deducting the amount of their bonds, \$242,000.00, from the whole (\$376,000.00) leaves an outstanding bonded indebtedness of \$134,000.00 to be provided for from time to time through the general city tax and the school tax.

We feel free to say that the above financial condition will compare favorably with many smaller cities throughout Michigan.

Street Department.

The following is a general report showing the work outlined by the street department and completed during the four years of this administration.

Seventh street was paved from Union to Division street with tarvia macadam. In 1913 the residents of Fifth street wanted a new top course laid on the pavement there, as the top had scaled off, leaving the street very rough and in an unsightly appearance. The street was in poor condition, but by the careful patching of the many places where the top had come off and then recoating the whole area with a light coat of tarvia and stone chips a pavement of good appearance resulted. Wadsworth street was given the same treatment.

The bitulithic pavement on State street was resurfaced with a mixture of tarvia and stone chips. This street

did not appear to the general public to be in very bad shape, but it was just at the point where maintenance was cheaper than repair, and a small expenditure per square yard saved a big expense a year or two later. The tarvia pavement on Webster street was given the same treatment.

During the summer of 1916, the bitulithic pavement on Washington street and the tarvia macadam on East Eighth, Wellington, Seventh, Fifth and Wadsworth streets were given a seal coat of tarvia "B" and sanded. Tarvia "B" comes in tank cars and is applied cold by means of the new pressure distributor wagon owned by the city. This sprays the tar on the pavement in a very uniform coating. It is left for twenty-four hours before sanding, thus giving ample time for the penetration of the new material.

Though the work on paved streets has been considerable it has been but a small part of the work undertaken by the department. The auto traffic on the graveled streets presented the greatest problem of all undertaken by the Commission, so new plans were adopted and are well under way at this time. The first step taken was to stop the hauling of ordinary gravel onto the streets; this practice had been carried on for years and in places several feet had been dumped onto the street. This was accomplished by the city purchasing a new stone crusher and screens. Now all the gravel used on the street is crushed and the sand screened out of it, and when this is graded and compacted on the roadway and a light coat of oil applied a hard, smooth surface is obtained.

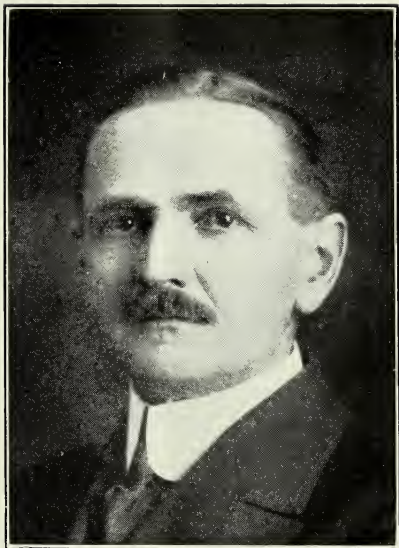
For years the citizens of Traverse City have called for the oiling of the side streets to lay the dust. The Commission decided to grant this request two years ago, ordered a tank car of road oil and an attachment to spread it on the street. The device for spreading the oil worked perfectly, but the week that the oil came a spell of cold weather hit the city and on some of the streets the oil did not penetrate as it would have in hot weather, but on the whole it proved to the public its immense value and early this last spring the residents from all parts of the city asked for oil. Two tank

cars of oil were ordered and put on the graveled streets with excellent results.

The authorities of the State Hospital made plans to beautify Elmwood avenue from Sixth street to Eleventh street, and they offered to furnish all the labor if the city would give them the use of the stone crusher with a foreman, to build a new driveway through this street. This idea was immediately accepted by the Commission, and the city engineer ordered to proceed with the work. A twenty-foot roadway was excavated, then eight inches of screened gravel was placed on the subgrade and when finally rolled with the addition of a limestone filler gave a good, hard macadam surface. Later on a coating of Tarvia "B" was applied, which left a smooth, dustless drive all summer, and next spring if a second coat is applied the same road will be appreciated.

Several of the streets have had special attention paid to them. Rennie street hill was graded and surfaced with screened gravel, likewise was the East Bay road from Eighth street to the city limits. East Eighth street was resurfaced with screened gravel from the G. R. & I. tracks to the East Bay road. East Front street was improved from Wellington street to Rose street. Bay street was resurfaced likewise from Union street to the city limits. Washington street and Division street were practically rebuilt with crushed stone. Many other streets were treated similar to this and nearly every street in the city has had more or less work of this nature put on it.

When the commission form of government went into effect, every one of the five bridges in the city needed planking besides various other repairs and some of a serious nature. Union street bridge was so badly deteriorated and it being in such a prominent place that plans and an estimate of cost were prepared for a new concrete arch bridge over Boardman river at this point. As the expense of a structure that suited the commission was estimated at about \$30,000 and the bridge could be repaired for about \$2,750 it was decided to repair the old bridge and make the roadway five



ISAAC M. WINNIE
City Treasurer.



GEORGE H. CROSS
City Attorney.

feet wider. As it was, the old bridge was practically rebuilt, the piling under the sills were cut off several inches under the water, new mud sills placed on these, all the posts were either spliced at the bottom or replaced by new ones as occasion demanded, the roadway widened to twenty-five feet, new joists, hardwood planking and new walks completing the job. The bridge was then in just as good condition as the day it was built, and better in the respect that it is five feet wider, which makes considerable difference in the appearance.

Cass street and Eighth street bridges were completely overhauled, new caps, joists and planking being used.

The two steel bridges were scraped and painted, several members of the steel work repaired where they were rusted and in a dangerous condition. New joists and oak planking completing the work.

A concrete abutment and retaining wall was built at the south end of Park street bridge. Previous to this every time it rained the dirt embankment here washed away and required dozens of loads of dirt to keep the place in proper condition.

A concrete abutment with good piled foundation was built on the dock line at the south end of the North Union street bridge. This not only shortened the planked roadway by about thirty-five feet, but retains the fill in good shape and the work is designed to carry one end of a new bridge which must replace the present one shortly.

For several reasons it was decided to build the concrete dock wall along the river at the foot of Cass street. This work is also on a piled foundation and is designed to be used as a bridge abutment when the time comes to span the river at this point.

When the Commission first took charge of affairs it did not take long to see that the sewer problem was not being handled with the idea of some day being compelled to bring all the small sewers to one outlet for final disposal. It was decided to have a complete sewer system designed to be followed in the future. A complete survey of the city was made for this purpose and the plans were made

and are now on file in the city engineer's office and anyone in any part of the city wishing to see what work is necessary to be done before a sewer can be laid to their property is invited to inspect these plans.

Several streets have been paved in the city and in many cases no provision was made for caring for the storm water, except through the small sanitary sewers, which is very poor practice. When Seventh street was paved a special storm sewer was laid for this purpose. When the petition came in for a curb and gutter on Tenth and Cass streets the city engineer at once recommended that a storm sewer be laid in Cass street before the improvement be made. The petition was granted and has passed all the necessary official proceedings to start the work. The storm sewer was ordered and the first 650 feet completed, and will be finished first thing in the spring.

For carrying storm water and the small creeks on the west side, the city made its own 24-inch sewer pipe. This was made of cement and at a considerable saving over the cost of vitrified pipe. 1,800 feet of this pipe has been made and the plans are to make several hundred feet more in the spring to complete the work in Cass street. During the last four years 5,540 feet of storm sewers and 4,080 feet of sanitary sewers have been laid.

The triangular piece of ground that the city owns at the corner of Bay and Monroe streets, was filled, graded and sodded, and has been made into one of the prettiest parks owned by the people. Several trees have been set out, different shaped flower gardens were made, and this last summer a cement walk was built across the park, winding around and between the different trees and flower beds. The city also owns the land across Bay street from this park. This piece of ground was also gifted with a row of elm trees and two new bath houses. Every day all summer long these bath houses are made good use of, and the only fault with them is that they ought to be several times larger.

The parks of Traverse City are made use of more than one realizes, unless they are directly interested in their upkeep and have paid particular

attention to them. Each year several small improvements and additions have been made to each park, such as new lights installed, seats placed around in favorite spots, picnic tables for general use, garbage and waste paper receptacles placed in handy places, and many other things to answer the requests of the people. An expert was employed to inspect all the trees and doctor them where necessary. With all these improvements at hand it can not be too strongly recommended to establish a better patrol system in the parks. Without a man on duty, say from 10 a. m. to 11 p. m., the tables are broken, bath houses are misused, etc.

The matter of building a bath house at East Bay was brought up last summer. No money was on hand for this purpose, but the commission was on the whole very much in favor of the idea, and it is here recommended to see that the proper money is provided for such buildings and their maintenance.

Hannah park has a great many flower beds and the keeper is handicapped every winter in caring for the bulbs, etc., and it would be a good thing to look into the matter of building a suitable root cellar.

The following improvements have been made and new equipment added:

Brick addition to Cass Street Engine House, making more room for fire department and suitable headquarters and modern lock-up for the police department.

Purchase of Fifth Ward hall, corner Rose and Washington streets.

All the bituminous pavement in the city has been resurfaced.

A pressure oil distributor was purchased for oiling streets.

Crusher and screen was purchased for doing modern road work.

Bay street, Rennie street, East Eighth street, Washington street and many others were resurfaced with city crushed stone.

South Elmwood avenue was improved by the city and state.

Combined curb and gutter was built on East Front street.

Plans were prepared and curb and gutter ordered on Cass and Tenth streets.

525 cords of stone were purchased and are still on hand to be crushed.

Plans for a complete sewer system were made and are now on file.

1800 feet of 24-inch cement sewer pipe was made by city men.

5600 feet of storm sewer, including 650 feet on Cass street, has been laid.

4080 feet of sanitary sewers were laid.

All the five bridges were either rebuilt or repaired so that now they are in first class condition.

Boulevard lights were placed on Cass street and Eighth street bridges.

Concrete abutment was built at the south end of North Union street bridge.

Concrete abutment and river wall was built at the foot of Cass street.

Built an electrically driven pile driver for bridge and revetment work.

Elm Park was filled, graded and beautified with trees, flower beds and walk.

Sunset Park had the low area filled and new lights installed.

Purchased new chief's chemical car for fire department.

Purchased new automobile for police department.

Purchased automobile for use of the City Electric Light department.

Purchased new type of water wheel governor for City Power house at Keystone.

Extensive repairs made to transmission line from City Power house at Keystone.

Rebuilt pilasters and put on vitrified tile coping at City Power house at Keystone.

Placed the business of the City Electric Light Department on a strictly meter basis.

Lowered the commercial lighting rate to customers.

Secured 57 new customers for the City Electric Light & Power Department.

Painted all city fire hydrants with waterproof paint.

Added 102 new water customers for City Water department.

New chlorine gas equipment installed at the water works.

382 new water meters installed in the water works system.

Remodeled the sexton's dwelling at Oakwood cemetery.

Purchased first installment motor driven fire apparatus.
Lake Avenue park beautified and lighted.

Established office of full time health officer. (Fourth in state).

Garbage ordinance.

Traffic ordinance.

Ordinance providing for a commission to invest interest and sinking funds.

Yours sincerely,

C. L. Greilick, Mayor.

Jno. R. Santo,

Commissioner Finance.

Jos. Sleder,

Commissioner Public Property.

George Lardie,

Commissioner Public Safety.

C. S. Longnecker,

Commissioner Health and Welfare.

To the Mayor and City Commission, Traverse City, Mich.:

1455a—Gentlemen: I present herewith financial statement for the city as prepared by the City Clerk, for the year beginning January 1st, 1916, and ending December 31st, 1916.

Respectfully submitted,

Jno. R. Santo,

Commissioner of Finance.

Financial Report of City Clerk for the Year Ending Dec. 31st, 1916, showing Receipts, Disbursements and Balance in the City Funds. W. H. Nash, City Clerk.

CONTINGENT.

Receipts.

Balance in fund Jan. 1, 1916	\$12,043.00
Penalty on general city tax, 1915	277.42
Charge back general city tax	181.83
Charge back general city tax penalty	12.35
Treasurer's fees on 1915 state and county tax	751.64
Charge back interest and sinking tax	6.47
Telephone rental from E. L. Dept.	2.25
Visiting nurse collections....	260.25
Interest on deposits	940.68
Miscellaneous receipts	61.67
Justice court fines	313.00
Delinquent tax from county treasurer	7,030.58
Electrical inspections	56.50

Overrun—State, county and county road tax	95.24
Rent from ward building....	3.75
Received for piling river (Steinberg's)	33.80
Paper sold	1.32
From water department, clerk hire	600.00
Liability insurance, from all departments	381.61
Overrun 1916 tax budget....	52.32
Penalty, 1916 tax collections	461.80
License Receipts—	
Wholesale liquor	331.67
Retail liquor	10,755.00
Hack, dray and truck	368.50
Hawkers	33.00
Billiard	136.00
Rooming house	10.00
Theatre and moving picture	125.00
Auctioneers	17.50
Plumbers	35.00
Shooting gallery	11.00
Circus and carnivals	145.00
Skating roller rink	12.50
Stands	15.00
Peddlers	9.00
Building movers	16.00

Transfers—To Balance Dead Accts.—

From delinquent special assessments	182.17
From E. Ninth St. Imp....	79.40
From Lat. Sewer No. 5, Dist. No. 8.....	10.70
From Lat. Sewer No. 4, Dist. No. 8.....	10.36
From Webster St. Imp....	110.33
From Lat. Sewer No. 6, Dist. No. 1.....	245.52
From Wellington St. Imp.	46.15

Total receipts\$36,272.33

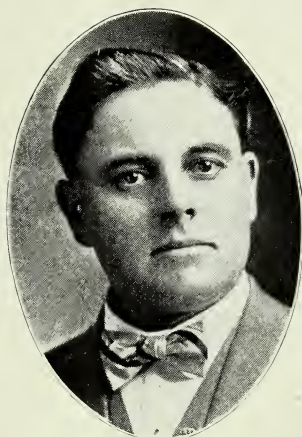
CONTINGENT.

Disbursements.

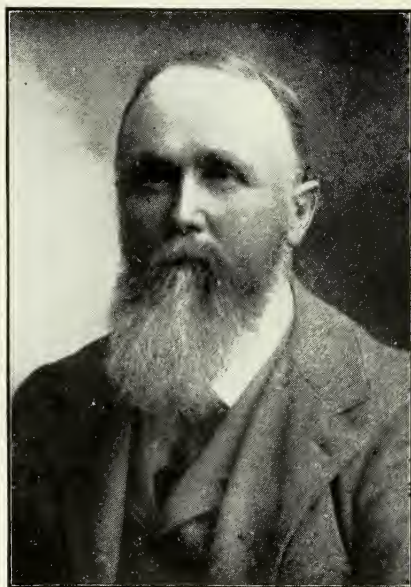
General office supplies	\$ 396.81
Janitor, office building.....	511.00
Postage	158.93
Laundry	3.60
Water and ice	20.75
Light, office building.....	111.34
Fifth ward hall purchase....	670.00
Fuel, city offices.....	119.23
Insurance	36.37
Subscriptions to journals...	21.10
Visiting nurse supplies.....	12.56
Visiting nurse livery.....	44.00
Supplies, engineer's office..	41.93

DEPARTMENT OF FINANCE

Telephones	47.50	ties Association	19.00
Repairs to office building...	8.75	Paper baler	12.00
Insurance and repairs, ward buildings	22.60	Ice skating rink	62.60
Light	11.03	Health Department—	
Treasurer's assistant	594.00	Supplies, fumigating, etc..	265.07
Janitor's cleaning supplies..	15.45	Labor, fumigating	27.00
City assessor's supplies.....	29.09	Board of Health	96.00
Transfers—		Car hire, dairy inspections	22.00
To E. Front St. curb and gutter	2,213.96	Light and water, health of- fice	8.00
To 3rd St. sewer.....	677.88	Building office and equip- ment	1,079.23
To 13-16 St. sewer.....	551.16	Board of Review.....	108.00
To balance 1915 budget acct.	6,259.59	Miscellaneous expense.....	327.33
St. Imp. Notes and Interest		Transfer to balance 1915 personal tax assessment, state and county	322.63
Park St. Imp.....	296.57	Total debits	\$20,816.80
Wash. St. Imp.....	367.50	Total credits	\$36,272.33
Webster St. Imp.....	220.15	Total debits	20,816.80
Int. on lateral sewer notes	17.82	Credit balance	\$15,455.53
E. Ninth St. Imp.....	274.03	PRINTING.	
Liability insurance for other departments	383.28	Receipts.	
Elections Expense—		Balance in fund Jan. 1, 1916..	307.36
Rent of Grange hall.....	21.50	Amount raised, taxes 1916..	600.00
Rent of Hose building....	20.00	Total credit	\$ 907.36
Registrations	393.09	Disbursements.	
Elections	1,183.00	Printing Commission pro- ceedings	\$ 357.50
Posting notices and print- ing	20.79	Printing annual reports.....	31.25
Supplies, fuel and cartage	55.25	Printing proceedings for binding	121.75
Cleaning ward closets....	2.50	Printing Notices—Water no- tice, \$3.00; tax notice, \$105.36; ordinances, \$10.25; bids for material, \$5.00; budget notice, \$9.00; elec- tion notices, \$137.85;; li- censes, \$.96; Board of Re- view, \$7.50; registration notices, \$48.20; garbage bonding notices, \$6.75; noxious weeds notice, \$2.00	335.87
Setting up and repairing booths	48.18	Total debit	\$ 846.37
Ballots and supplies.....	151.09	Total credit	\$ 907.36
Justice supplies	9.85	Total debit	846.37
Y. W. C. A. donation, \$15.00 month	180.00	Credit balance	\$ 60.99
Rent Development Bureau..	180.00	FIRE.	
Ambulance expense	13.88	Receipts.	
Extra labor, clerk's and treas- urer's office	511.50	Balance in fund Jan. 1, 1916..	326.75
Salary, Charity Bureau and Social Worker	225.00	General city tax, 1916.....	22,100.00
Engineer's assistant	108.00		
Auditing books	75.00		
Conventions	156.74		
Old check on treas. acct....	2.70		
Decoration day expense.....	70.38		
Installing light strings across streets	179.21		
Paving Inst. W. Seventh St., Board of Education	207.90		
First Aid, liability insur- ance	9.40		
Furniture and equipment...	111.00		
Rent of half interest, office building	490.09		
Dues, Corrections and Chari-			



WM. F. GIFFORD
Supt. City Electric Light Works.



S. C. DARROW
City Assessor.

Harness and buggy sold....	70.00	George Lardie, commissioner	200.00
Refund, convention expense	20.00	C. S. Longnecker, commissioner	200.00

Total credits\$22,516.75

Disbursements.

Regular salaries	\$ 6,069.65
Truck Co. No. 1.....	172.00
Hose Co. No. 3.....	93.50
Hose Co. No. 4.....	127.00
Hose Co. No. 5.....	76.00
Fuel	247.50
Chief's chemical car.....	1,336.45
Auto upkeep	59.26
Light	111.18
Extra teams	24.50
Gas	16.51
Laundry	26.75
Feed and bedding	542.08
Horseshoeing	108.10
New equipment	120.57
Repairs to equipment.....	56.39
Miscellaneous dept. exp....	125.57
Telephone	34.60
Heating and plumbing.....	609.80
Water, hydrant rental.....	9,100.00
Water, office and prison....	14.40
Repairs to building	12.10
Battery supplies	189.09
State Firemen's convention expenses	85.00
Liability insurance	118.97

Total debits\$19,476.97

Total credits\$22,516.75

Total debits19,476.97

Credit balance3,039.78

SALARIES.**Receipts.**

Balance in fund Jan. 1, 1916..	\$ 6,464.78
General city tax, 1916.....	8,000.00

Total credits\$14,464.78

Disbursements.

W. H. Nash, city clerk.....	\$ 1,800.00
I. M. Winnie, city treasurer	1,500.00
W. A. Royce, city engineer..	1,500.00
S. C. Darrow, city assessor..	1,200.00
Geo. H. Cross, city attorney	600.00
G. A. Holliday, health officer	918.75
O. H. Core, meat and milk inspector	122.50
Pearl Watters, city nurse...	637.50
Edna Kellogg, city nurse....	212.50
Clara Miner, clerk's asst....	810.00
C. L. Greilick, mayor	300.00
Jno. R. Santo, commissioner	200.00
Joseph Sleder, commissioner	200.00

Total debits\$10,401.25

Total credits\$14,464.78

Total debits10,401.25

Credit balance\$ 4,063.53

INTEREST AND SINKING.**Receipts.**

Balance in fund Jan. 1, 1916..	\$18,365.60
Charge back tax reassessed	19.61
Interest on deposits	190.51
Delinquent tax, county treasurer	102.17
General city taxes, 1916....	8,122.00
Accrued interest on \$50,000.00 bonds	138.89

Total credits\$26,938.78

Disbursements.

Interest on \$6,000.00 bridge bonds	\$ 270.00
Refunding bonds paid.....	15,000.00
Interest on refunding bonds	415.00
Park bonds paid	2,000.00
Interest on park bonds.....	245.25
Interest on street intersection bonds	1,170.00
Interest on \$50,000.00 athletic bonds	1,250.00

Total debits\$20,350.25

Total credits\$26,938.78

Total debits20,350.25

Credit balance\$ 6,588.53

POLICE.**Receipts.**

Balance in fund Jan. 1, 1916..	\$ 2,826.82
General city tax, 1916.....	5,200.00

Total credits\$ 8,026.82

Disbursements.

Regular salaries	\$ 4,367.50
Special police	68.00
Telephone rental and tolls..	44.97
Light and lamps.....	59.32
Livery	4.25
Fuel	8.75
Misc. dept. expense.....	18.30
New equipment	8.41
Heating and plumbing.....	376.64
Police matron's salary.....	147.50
Water rental	8.12
Repairs to building	1.86

DEPARTMENT OF FINANCE

Police automobile	550.00
Auto upkeep	154.07
Repairing and building wooden St. corner signs..	18.10
Liability insurance	43.16

Total debits\$ 5,878.95

Total credits\$ 8,026.82

Total debits 5,878.95

Credit balance\$ 2,147.87

LIBRARY.**Receipts.**

Balance in fund Jan. 1, 1916..\$	1,997.85
Book fines	9.00
Justice court fines	125.00
General city tax, 1916.....	3,500.00
City's share of county fines	198.15

Total credits\$ 5,830.00

Disbursements.

Librarian, Sixth street.....\$	540.00
Librarian assistants, Sixth street	631.23
Janitor, Sixth street	560.00
Librarian, Oak Park	300.00
Librarian's assistant, Oak Park	12.50
Janitor, Oak Park	52.00
Telephone	8.00
Books	1,132.36
Fuel	386.34
Repairs to building	27.40
Repairs to heating and plumbing	11.82
Miscellaneous items.....	42.65
Card files, stationery, etc..	73.20
Binding magazines and books	44.70
Light and lamps	115.74
New equipment	31.43
Water rental	31.32
Convention expense.....	13.50
Magazine subscriptions.....	169.50
Repairing furniture	12.00

Total debits\$ 4,195.69

Total credits\$ 5,830.00

Total debits 4,195.69

Credit balance\$ 1,634.31

LIGHT.**Receipts.**

Balance in fund Jan. 1, 1916..\$	3,441.75
General city tax.....	7,400.00

Total credits\$10,841.75

Disbursements.

St. and bridge lighting.....\$	7,819.72
Lamps and globes	68.12
Second ward hall	5.50
Third ward hall	5.50
Fifth ward hall	4.22

Total debits\$ 7,903.06

Total credits\$10,841.75

Total debits 7,903.06

Credit balance\$ 2,938.69

WATER.**Receipts.**

Balance in fund Jan. 1, 1916..\$	28,429.99
Schedule water receipts....	8,874.06
Metered water receipts.....	10,718.88
Installing meters	271.00
Interest on deposits	399.86
Installing shut offs.....	8.00
Coal sold	241.12
Taps, new	150.00
Pipe sold	1,283.73
Ashes sold	5.00
Boiler tubes sold	32.50
Refund, overpay	3.77
Water for circus	16.50
Labor sold	18.25
Service boxes sold	5.50
Water, Catholic cemetery...	31.00
Repairs for meters .....	.51
Water for street sprinkling..	335.00
Water, hydrant rental, fire department	9,100.00
Water, city cemetery	350.00

Total credits\$60,274.67

Disbursements.

Total disbursements\$38,183.66

Balance in fund\$22,091.01

(See detailed statements of dis-
bursements in water report.)

GENERAL SEWER.**Receipts.**

Balance in fund Jan. 1, 1916..\$	2,567.80
Sewer in Lake avenue paid in advance	62.50
Private sewer connections..	30.00
Tile sold	4.50
Refund, overpay, labor.....	5.50

Total credits\$ 2,670.30

Disbursements.

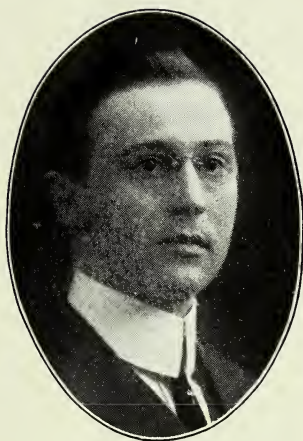
General repairing	18.36
Flushing and cleaning sew- ers	147.85
Connecting health office....	9.37

DEPARTMENT OF FINANCE

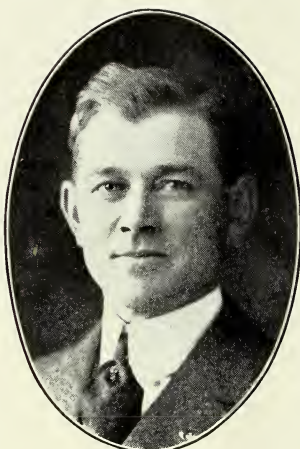
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General sewer supplies.....	34.36	Care of lots	1,247.75
Sewer to catch basin on E. Front street	47.38	Grading and seeding	191.32
New tile, stock on hand.....	391.16	Extra labor	37.50
Sewer to catch basin, Elm-wood avenue	141.05	Transfer from Cem. Imp. fund	136.50
Sewer to Lake avenue across Cass street	67.23	Disinterment	5.00
Making cement tile	449.40	Interest, deposits	18.90
Laying tile in Monroe St....	18.05	General city tax, 1916.....	2,000.00
New drains	103.00	Total credits	\$ 5,639.91
Cass street(storm water sewer)	539.16	Disbursements.	
Sewer gate to Wellington St.	5.75	Sexton's salary	\$ 840.00
Making connections under pavement on E. Eighth St.	10.00	Horse hire	120.00
Liability insurance	46.98	General labor	812.33
1st installment 13-16 sewer (school)	35.07	Telephone	12.00
1-6 cost of 3rd St. and Elm-wood sewer	135.54	Water, sexton's house.....	12.60
1-6 cost of 13-16 St. sewer..	149.87	Water, sprinkling, cemetery.	350.00
1-6 cost of Jefferson to 3rd St. sewer	32.53	Printing and stationery ...	4.75
Total debits	\$ 2,382.11	Insurance	13.81
Total credits	\$ 2,670.30	Repairs to tools and equipment	35.80
Total debits	2,382.11	Soil and sod for grading....	199.50
Credit balance	\$ 288.19	Caring for lots	603.47
BRIDGE.		Caring for flower beds.....	44.40
Receipts.		Repairs to sexton's house...	4.85
General city tax, 1916.....	\$ 500.00	New furniture	28.50
Disbursements.		Refund, overpay, care of lot	5.00
Overdrawn balance Jan. 1, 1916	\$ 234.43	Liability insurance	4.39
Filling washouts	5.45	Total debits	\$ 3,091.40
Repairing pile driver.....	.85	Total credits	\$ 5,639.91
Installing lights, 8th street bridge	146.42	Total debits	3,091.40
Piling N. Cass st. bridge....	9.00	Credit balance	\$ 2,548.51
New lamps	18.81	CEMETERY EXT. AND IMP. FUND.	
Tar surfacing, E. 8th street bridge and Union street bridge	77.38	Receipts.	
General repairing	25.63	Balance in fund Jan. 1, 1916.\$	620.66
Painting Park and Cass St. bridges	62.00	Lots sold	669.81
Liability insurance	3.46	Single graves sold	64.00
Total debits	\$ 583.43	Total credits	\$ 1,354.47
Total credits	500.00	Disbursements.	
Balance overdrawn	\$ 83.43	Refund, overcharge on lot..\$	1.38
CEMETERY.		Soil and sod for grading....	220.50
Receipts.		Planting trees, new cemetery	115.00
Balance In fund Jan. 1, 1916.\$	1,438.94	Total debits	\$ 336.68
Burials and removals	564.00	Total credits	\$ 1,354.47
		Total debits	\$ 336.88
		Credit balance	\$ 1,017.59
		PERPETUAL CARE FUND.	
		CEMETERY.	
		Receipts.	
		H. B. Garner	\$ 200.00
		Jennie E. Johnson	150.00
		Sophia J. Wright	150.00

J. O. Crotser	100.00	Private walks and driveways	46.00
Total in fund	\$ 600.00	Collected in taxes, cutting weeds	7.90
PARK.		Total receipts	\$26,205.64
Receipts.		Disbursements.	
Balance in fund Jan. 1, 1916.	\$ 1,497.81	Tools and equipment	\$ 115.48
General city tax, 1916.....	2,485.00	Repairs to tools and equipment	340.32
Total credits	\$ 3,982.81	Water, 4 horse troughs.....	216.00
Disbursements.		Engineer's assistant and livery	5.70
Hannah Park—		Killing and burying dogs and cats	243.75
Labor, care of park.....	\$ 399.38	Water for street sprinkling	335.00
Caring for deer	40.63	City Market—	
Feed for deer	16.95	Telephone	21.00
Water rental	85.52	Water rental	4.52
Light	84.00	Fuel	28.01
Tools and miscellaneous supplies	47.71	Light	8.40
Plants and shrubbery.....	15.15	Weighmaster's salary	794.00
Lake Ave. Park—		Supplies	26.75
Light and lamps	63.50	Tool House—	
Water rental	18.00	Insurance	80.98
Labor, care	2.00	Light	18.02
Sunset Park—		Water	4.52
Labor, care of	108.00	Telephone	6.00
Water rental	9.00	Fuel	17.25
Light	84.00	Repairs building	58.06
Filling and seeding	150.05	Installing drinking fountain.	21.90
Curb and gutter, 1st installment	50.16	Street and garbage cans....	48.00
Union St. Park—		Convention expense.....	22.36
Labor, care of	6.00	St. Com.'s salary	1,408.50
Water rental	13.52	Street sprinkling, labor....	1,766.11
Monroe St., "Elm Park"—		General repairing, streets...	4,282.45
Water rental	5.40	Cleaning pavement	1,815.62
Shrubbery and plants.....	265.05	Hauling dirt from pavement	716.90
Tools	6.00	Horse feed, commissioner..	130.00
Building walk	101.95	Liability insurance	96.74
Repairing bath houses....	35.99	Labor, board of education..	54.20
Liability insurance	3.84	Care of city dump.....	351.50
Total debits	\$ 1,611.80	Repairing walks	192.32
Total credits	\$ 3,982.81	New walks—Labor, \$315.67; cement, \$229.65; filling, \$96.18	641.50
Total debits	1,611.80	City Horses—	
Credit balance	\$ 2,371.01	Feed and bedding	819.16
GENERAL STREET.		Shoeing	35.35
Receipts.		Veterinary and medicines	7.00
Balance in fund Jan. 1, 1916.	\$ 4,337.52	Storing gravel for cement..	36.25
Market receipts	751.95	Miscellaneous items	60.44
Dog licenses (67c)	308.70	Cleaning catch basins	64.86
Cement walk, reassessed, 1915	204.79	Thawing catch basins	43.96
Materials sold	54.40	Repairs, crusher and roller..	61.99
Labor, city horses	1,071.88	Refund, dog license	11.36
Telephone commissions ....	.30	Piling river, Lyric theatre..	22.80
General city tax, 1916	19,409.00	Oils and grease, crusher and roller	57.65
Cement curb, Maple street..	13.20	Grading E. Front street....	1,204.47



W. A. ROYCE
City Engineer.



CLIFFORD S. GABRIEL
Sexton of Cemetery.

Curb on Maple street	25.91
Road oil purchased	813.64
Labor, oiling streets	198.03
General supplies on hand...	119.51
Grading Brosch street.....	61.45
Grading and improving Elm- wood avenue	427.62
Cutting weeds	314.00
Tarvia and freight	1,141.15
Painting 5th ward hall.....	60.00
Resurfacing 7th and 9th Sts.	254.43

Total debits\$21,760.45

Total credits\$26,205.64

Total debits 21,760.45

Credit balance\$ 4,445.19

WHARF.

Receipts.

Balance in fund Jan. 1, 1916..\$	485.29
General city tax, 1916.....	500.00

Total credits\$ 985.29

Disbursements.

Pier lighting and lamps.....\$	56.12
Piling mouth of river.....	11.00

Total debits\$ 67.12

Total credits\$ 985.29

Total debits 67.12

Credit balance\$ 918.17

ELECTRIC LIGHT AND POWER

DEPARTMENT.

Receipts.

Balance in fund Jan. 1, 1916..\$	9,705.13
Total receipts	37,408.46

Total receipts\$47,113.59

Total disbursements 30,990.72

Credit balance\$16,122.87

(See detailed statement with yearly report.)

ELECTRIC LIGHT AND POWER INTEREST AND SINKING FUND.

Total credit amount in fund,
reserved for payment of
bonds\$19,536.99

BUDGET ACCOUNT, 1916.

Total tax as
spread\$79,868.32

Credited as fol-
lows:

Printing	\$ 600.00
Fire	22,100.00
Salaries	8,000.00

Police	5,200.00
Library	3,500.00
Light	7,400.00
Bridge	500.00
Cemetery	2,000.00
Park	2,485.00
General street...	19,409.00
Wharf	500.00
Interest and sink- ing	8,122.00
Contingent (over- run)	52.32

\$79,868.32 \$79,868.32

GENERAL CITY TAX.

Total budget as spread.....\$79,868.32

Total tax collected Dec. 30,
1916 70,181.42

Balance due on rolls, un-
collected tax 9,686.90

WEST SEVENTH ST. IMP.

Receipts.

Balance in fund Jan. 1, 1916..\$	865.39
3rd installment, reassessed..	197.33
4th installment	1,032.36
5th installment	18.00
Interest on 4th installment..	6.60
Payments from county treasurer's office	216.27
4th installment reassessed..	20.59

Total credits\$ 2,356.54

Disbursements.

Special Improvement Notes— Grace Wilhelm, note\$	593.38
Grace Wilhelm, interest..	29.67
Clementina Holdsworth, note	1,153.31
Clementina Holdsworth, in- terest	57.67
Mrs. C. E. Murray, inter- est	45.00
Clementina Holdsworth, in- terest	42.34

Total debits\$ 1,921.37

Total credits\$ 2,356.54

Total debits 1,921.37

Credit balance\$ 435.17

E. FRONT ST. CURB AND GUTTER.

Receipts.

Estimate, transferred from contingent	\$ 2,213.96
Intasllment No. 1.....	1,031.04
Installment No. 2.....	389.11
Interest on installment No. 1	.40

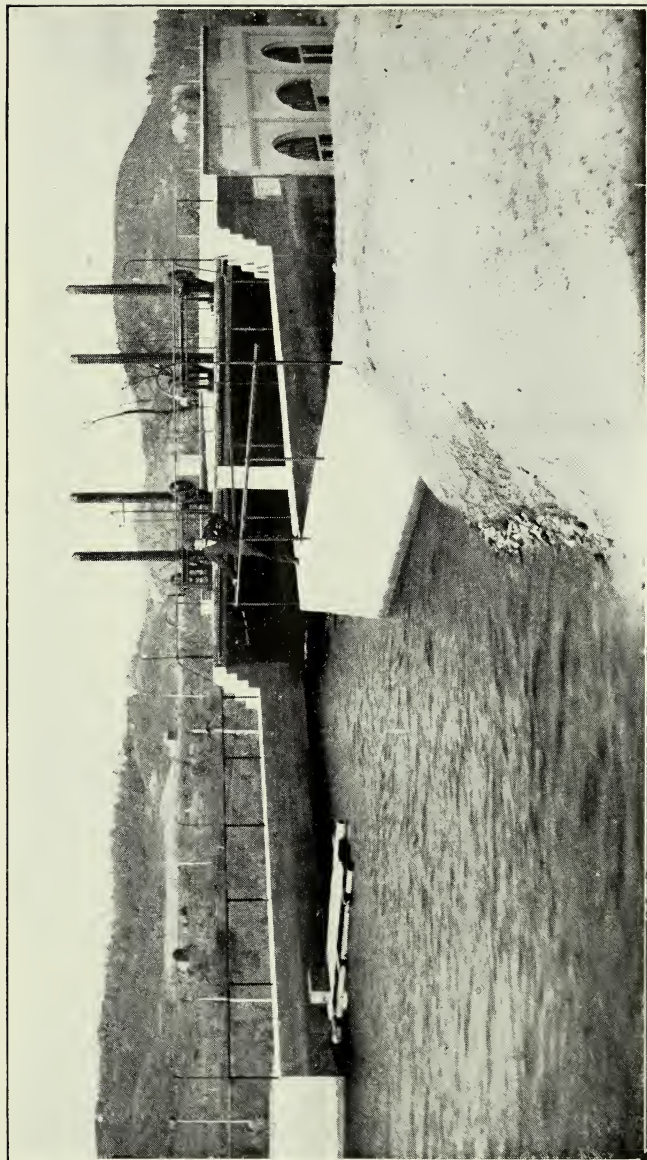
DEPARTMENT OF FINANCE

Installment No. 1, reassessed	27.60	Tile	220.41
Total credits	\$ 3,662.11	Manholes	47.02
Disbursements.		Total debits	\$ 680.32
Printing notices, tax re-		Total credits	\$ 776.17
ceipts, etc.....	\$ 11.00	Total debits	680.32
Gravel and crushed stone...	614.42	Credit balance	\$ 95.85
Labor	1,456.03	ELMWOOD AVENUE SEWER, JEF-	
Cement	674.33	FERSON ST. TO 2ND ST.	
Catch basins	142.00	Receipts.	
Miscellaneous expense.....	58.15	Installment No. 1.....	\$ 32.58
Total debits	\$ 2,955.93	Installment No. 2.....	10.86
Total credits	\$ 3,662.11	Installment No. 3.....	10.86
Total debits	2,955.93	1-6 of estimated cost, paid	
Credit balance in fund....	\$ 706.18	from general sewer	32.53
THIRD STREET AND ELMWOOD		Total credits	\$ 86.83
AVENUE SEWER.		Disbursements.	
Receipts.		Labor	\$ 102.20
Estimate, transferred from		Cement and lime	2.68
contingent	\$ 677.88	Tile	13.89
Installment No. 1.....	171.49	Printing, notices, etc.....	2.50
Installment No. 2.....	40.35	Manholes	9.00
Installment No. 3.....	32.28	Total debits	\$ 130.27
Installment No. 1, reassessed	8.39	Total credits	86.83
1-6 of estimated cost paid		Overdrawn balance	\$ 43.44
from general sewer	135.54	EAST TENTH ST. CURB AND GUT-	
Total credits	\$ 1,065.93	TER, UNION TO LAKE AVE.	
Disbursements.		Receipts.	
Printing, notices, etc.....	\$ 5.25	None.	
Cement, tile and brick.....	402.70	Disbursements.	
Labor	706.61	Printing notices	\$ 5.50
Manholes	49.93	Total debits	\$ 5.50
Draying .....	.50	Total credits	None
Total debits	\$ 1,165.09	Overdrawn balance	\$ 5.50
Total credits	1,065.93	CASS STREET CURB AND GUTTER,	
Overdrawn balance	\$ 99.16	RIVER TO 11TH STREET.	
13TH TO 16TH STREET SEWER—		Receipts.	
ALLEY EAST OF UNION ST.		None.	
Receipts.		Disbursements.	
Estimate, transferred from		Printing notices	\$ 6.00
contingent	\$ 551.16	Total debits	\$ 6.00
Installment No. 1.....	6.00	Total credits	None
Installment No. 2.....	6.00	Overdrawn balance	\$ 6.00
Installment No. 3.....	6.00	1916 TAX COLLECTIONS FOR	
Installment No. 1, reassessed	57.14	STATE, COUNTY AND	
1-6 of estimated cost paid		COUNTY ROAD.	
from general sewer fund..	149.87	State tax collected	\$ 3,252.93
Total credits	\$ 776.17	County tax collected	5,558.61
Disbursements.		County road tax collected ..	2,785.32
Printing, notices, etc.....	\$ 4.00	Charge back tax collected—	
Brick, cement and gravel...	38.26		
Labor	370.63		

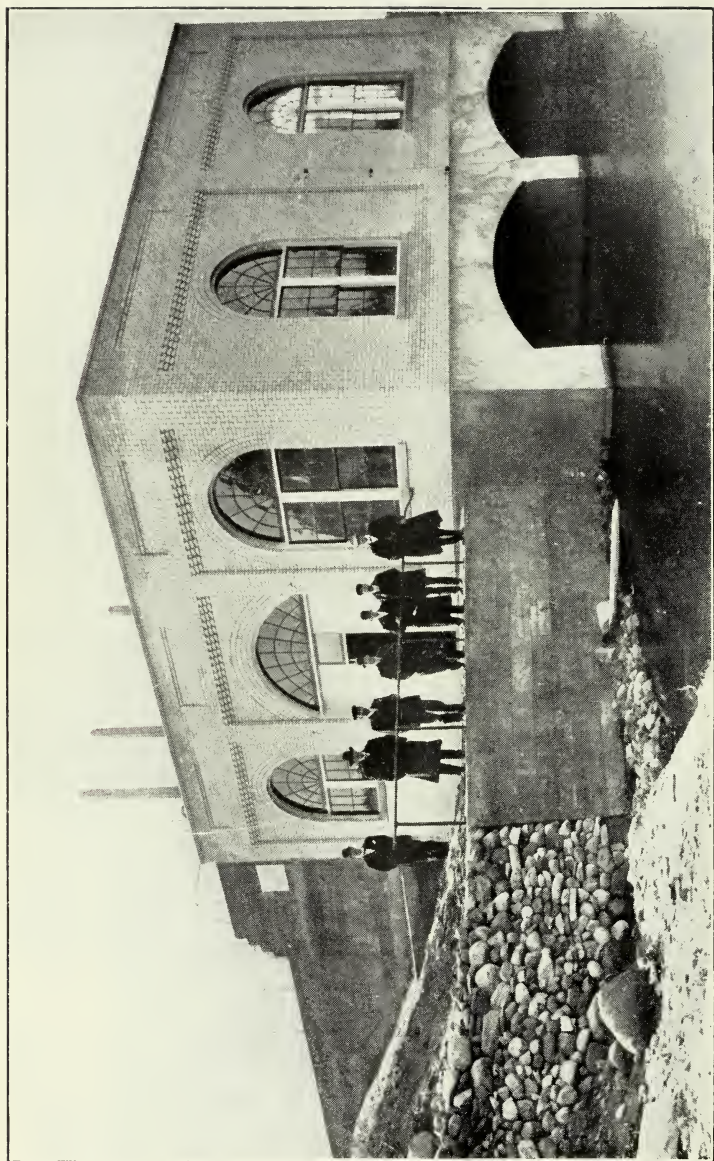
State	14.16	Improvement Notes.	
County	22.77	W. 7th St. Imp.....\$	1,746.69
County road	10.74	Webster St. Imp.....	202.92
Total amount collected to		Lateral sewer No. 5, District	
Dec. 30, 1916	\$11,646.27	No. 8	356.30
BALANCES ON HAND IN FUNDS AT		E. 9th St. Imp.....	230.62
CLOSE OF YEAR, DEC. 31, 1916.			\$ 2,536.53
Cr.		Inventory of Furniture and Fixtures	
Contingent	\$ 15,455.53	in Office of City Clerk and	
Printing	60.99	City Treasurer.	
Fire	3,039.78	2 roll top desks	\$ 30.00
Salaries	4,063.53	4 high desks	75.00
Interest and sinking	6,588.53	2 flat top desks	50.00
Police	2,147.87	Sectional cabinets	275.00
Library	1,634.31	3 swing chairs	15.00
Light	2,938.69	2 small swing chairs	6.00
Water	22,091.01	2 high desk chairs	6.00
General sewer	288.19..	5 oak chairs	25.00
Cemetery	2,548.51	1 wardrobe	5.00
Park	2,371.01	1 screen	1.00
General sewer	288.19	1 table	3.00
Cemetery extension and		1 typewriter desk	10.00
improvement	1,017.59	2 typewriters (\$100 and \$50)	150.00
Cemetery, perpetual care..	600.00	1 adding machine	400.00
Electric light and power....	16,122.87	1 addressing and billing ma-	
Electric light and power, in-		chine	275.00
terest and sinking	19,536.99	1 water cooler	3.00
West 7th St. Imp.....	435.17	1 letter press	3.00
E. Front St. curb and gutter	706.18	2 document files	25.00
13 to 16 St. sewer.....	95.85	1 sectional book case.....	25.00
State, county and county		2 safe cabinets	250.00
road tax collected	11,646.27	Interest in office building....	1,000.00
Wharf	918.17	1 paper baler	12.00
		Vault equipment	100.00
		Election outfits	200.00
	\$118,752.23		\$2,944.00
Overdrawn Funds—		Inventory of Furniture and Fixtures	
Dr.		in Commission Room.	
Bridge	\$ 83.43	1 table	\$ 12.00
1916 tax budget, uncollect-		6 desks	30.00
ed tax	9,686.90	7 swing chairs	35.00
3rd St. and Elmwood		1 mayor's chair	5.00
sewer	99.16	10 high-back chairs	10.00
Jefferson to 2nd St. sewer	43.44	25 folding chairs	5.00
E. 10th St. curb and gut-		1 large table	3.00
ter	5.50		
Cass St. curb and gutter..	6.00		
Cash and bank balance....	108,827.80		
	\$118,752.23		\$ 100.00
LIABILITIES.		Assessor's Room.	
Bonds.		1 large desk	\$ 40.00
Water extension	\$ 92,000.00	1 swing chair	5.00
Electric light	150,000.00	2 oak chairs	10.00
Refunding	7,000.00	1 desk lamp	2.00
Bridge	6,000.00	1 small desk	5.00
Street intersection	26,000.00	1 card filing case	10.00
Park improvement	5,000.00		
Athletic and recreation....	50,000.00		
			\$ 72.00
Total	\$336,000.00	Grand total	\$3,116.00

ASSESSED VALUATIONS.			
Year.	Real Estate.	Personal.	Total.
1910	\$6,093,365.00	\$1,699,193.20	\$7,792,558.00
1911	6,182,190.00	1,688,111.00	7,870,301.00
1912	6,114,610.00	1,533,473.00	7,648,083.00
1913	6,078,853.00	1,589,723.00	7,668,576.00
1914	6,214,095.00	1,785,433.00	7,999,528.00
1915	5,841,230.00	1,839,549.00	7,680,779.00
1916	5,839,645.00	1,653,630.00	7,493,275.00

TAX RATES.			
Total yearly average tax rate on \$100 valuation.			
	1910.	1911.	1912.
City and school	\$1.36	\$1.37	\$1.39
State .....	.19	.22	.19
County .....	.24	.25	.30
County road .....	.14	.13	.15
	\$1.93	\$1.97	\$2.03
		\$2.34	\$2.60
		\$2.83	\$2.61



UPPER VIEW OF DAM.



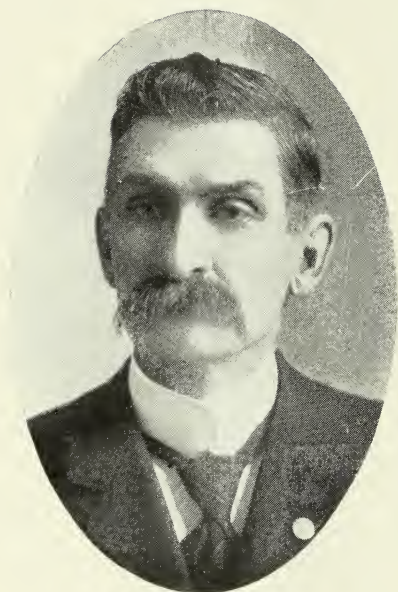
VIEW OF CITY POWER HOUSE.

The following table shows amount of tax for use in the various departments for the years 1910, 1911, 1912, 1913, 1914, 1915 and 1916.

	1910.	1911.	1912.	1913.	1914.	1915.	1916.
School	\$ 37,800.45	\$ 37,873.86	\$ 41,672.40	\$ 51,668.58	\$ 74,999.52	\$ 58,680.78	\$ 52,493.27
Printing	1,000.00	1,000.00	500.00	1,000.00	800.00	200.00	600.00
Fire	15,563.00	9,000.00	9,000.00	9,000.00	20,000.00	18,000.00	22,100.00
Salaries	5,650.00	6,950.00	8,600.00	8,350.00	11,500.00	11,364.00	8,000.00
Interest and sinking	7,798.31	7,873.47	7,651.11	10,000.00	6,700.00	3,750.00	8,122.00
Police	4,752.00	6,000.00	6,000.00	5,500.00	5,400.00	6,000.00	5,200.00
Library	3,000.00	3,000.00	3,000.00	4,000.00	3,900.00	4,000.00	3,500.00
Light	6,800.00	6,000.00	6,500.00	5,500.00	7,000.00	8,200.00	7,400.00
Water		7,380.00	7,380.00	7,850.00			
Bridge	1,432.00	2,500.00	1,000.00	1,000.00	2,100.00	6,500.00	500.00
Cemetery	600.00	500.00	500.00	1,500.00	1,000.00	1,400.00	2,000.00
Park	750.00	750.00		2,000.00	3,100.00	750.00	2,485.00
General sewer		1,150.00	2,700.00	1,000.00	2,100.00	2,000.00	
General street	15,697.15	14,002.98	10,101.29	10,000.00	17,000.00	19,250.00	19,409.00
Wharf						500.00	500.00
Electric light interest.....						6,375.00	
Del. special assessments...						6,000.00	
Repairs Keystone property						250.00	
Bridge lighting						400.00	
	\$100,742.91	\$103,980.31	\$104,604.80	\$118,368.58	\$155,599.52	\$153,619.78	\$132,309.27



JOS. SLEDER
Commissioner of Public Works
and Property.



GEORGE W. LARDIE
Commissioner of Public Safety.

Department of Public Safety

GEO. W. LARDIE, Commissioner.

January 15th, 1917.

To the Mayor and Commissioners,
Traverse City, Michigan:

1455b—Gentlemen: I present herewith report of T. C. Murray, fire marshal, for the fiscal year ending December 30th, 1916.

Respectfully submitted,

Geo. W. Lardie,

Commissioner of Public Safety.

**Annual Report of the Traverse City
Fire Department.**

To the Honorable Mayor and Commissioners of the City of Traverse City,
Michigan:

Gentlemen: I have the honor to herewith submit to you the twentieth annual report of the Traverse City fire department for the year ending December 31st, 1916.

During the year the department responded to 72 alarms, laid 29,000 feet of hose and worked 112 hours at fires, on which the loss amounted to \$27,630.00, with insurance on same \$98,200.00.

Causes of Fires—Defective chimneys, 8; thawing water pipes, 3; overturned oil stove, 1; gas stove explosion, 1; electric flat iron, 1; lightning, 2; friction, 2; carelessness with cigars and cigarettes, 3; hot ashes, 2; gasoline leak, 1; throwing grease in stove, 1; sparks from chimney, 5; spontaneous combustion, 1; incendiary, 1; suspicious, 2; children playing with matches, 2; smoking in bed, 1; defective furnace pipes, 4; unknown, 4; chimney fires, 24; false alarms, 3.

Property on hand January 1st, 1917:

5 horses	\$ 1,475.00
4 harnesses	190.00
6 horse blankets	21.00
2 combination wagons.....	800.00
3 sleighs	225.00

1 exercise wagon	75.00
4 hose carts	300.00
1 hook and ladder hand truck	75.00
1 55-foot extension ladder..	135.00
5 other ladders	221.00
50 feet of 3-inch hose.....	60.00
6,000 feet of 2½-inch hose..	5,000.00
10 nozzles	210.00
3 hand extinguishers.....	45.00
2 Sibien nozzles	75.00
1 insulated wire cutter	25.00
1 hose shut off	15.00
2 Ahrens steam fire engines	8,000.00
Connections, reducer and siamese	50.00
1 Pyrine extinguisher	5.00
1 hose expander	15.00
33 Gamewell alarm boxes...	3,995.00
5 Signalphone alarm boxes	325.00
14 miles of overhead wire..	485.00
1 Gamewell indicator.....	100.00
1 Gamewell punch register at water works	75.00
1 Gamewell alarm gong at water works	50.00
1 Signalphone gong and register	68.00
58 gravity battery jars and contents	45.50
1 switchboard	25.00
Beds, blankets, etc.....	237.00
Chairs, desk, etc.....	65.00
2 sliding poles	35.00
4 axes	8.00
Runners, skids, etc.....	83.75
1 motor chemical truck....	1,336.45

Total property on hand...\$23,950.70

In conclusion I wish to tender my appreciation for courtesies extended and the attention given to such requests as I have been compelled to make upon you for the improvement of the department.

Respectfully submitted,

T. C. Murray,
Fire Marshal.
January 15th, 1917.

To the Mayor and Commissioners,
Traverse City, Michigan:

1455c—Gentlemen: I submit herewith report made by Benj. F. Carson, chief of police, for the fiscal year of 1916.

Respectfully submitted,

Geo. W. Lardie,

Commissioner of Public Safety.

To the Honorable Mayor and City Commissioners:

I am very glad to have the privilege of expressing my deep gratitude and thorough appreciation to the mayor and city commissioners for the loyal support they have given me in every rightful and protective measure for the best interests of our city. To have been associated in a business way with such worthy men as the present mayor and commissioners would of necessity enrich and broaden a man's life. In fact, it is vain to attempt to put into words the appreciation I feel and it is my hope that I have merited the friendly direction and backing I have received. The patrolmen of the police department, I believe, have been unusually faithful in the performance of their duties, and I wish to commend their services to the mayor and city commissioners.

Respectfully,

Ben F. Carson,
Chief of Police.

To the Honorable Mayor and City Commissioners of the City of Traverse City:

I hereby submit my annual report of the police department for the year ending December 31, 1916.

Arrests, 419: Drunk and disorderly, 267; vagrancy, 15; gambling, 5; larceny, 17; begging, 3; burglary, 1; insane, 2; grand larceny, 2; assault and battery, 14; embezzlement, 1; common disorderly, 7; wife desertion, 1; cruelty to animals, 3; violation of parole, 1; speeding automobile, 14; speeding motorcycle, 2; defrauding hotel, 8; hitching horses to shade trees, 1; shooting in city limits, 2; poisoning

dogs and cats, 1; neglecting to pay dog tax, 3; neglecting or refusing to clean closet, 6; neglecting or refusing to connect with sewer, 1; using profane language in presence of women and children, 2; deserter from U. S. army, 1; captured escaped prisoner from Ionia, 1; held for sheriffs of other counties, 4; driving on sidewalk, 1; violation of state auto license law, 1; running car without state license tags, 6; running automobile at night without rear limps lighted, 18; violation of city traffic ordinance, 1; violation of city bond and license ordinance, 1; carrying concealed weapons, 1; breaking arc light, 1; breaking glass on sidewalk and paved street, 2; contributing to delinquency of minor child, 2; breaking, entering and robbing saloon, 1.

Bicycles reported lost or stolen, 75; bicycles found and returned to owners, 52.

Lost children found and returned to parents, 30.

Telephone calls investigated, 1,605; red light calls investigated, 281.

Amount collected in city fines, \$643.75.

Saved city nurse in jitney hire, \$32.00; saved city health officer in jitney hire, \$11.00.

Expense—Salaries, regular, \$4,427.50; salaries, special, \$54.00.

Ben F. Carson,
Chief of Police.

Inventory of fixtures of Police Department:

1 large folding desk.....	\$ 40.00
2 small desks	10.00
10 chairs	30.00
6 beds	25.00
1 atlas	10.00
1 stove	6.00
1 pair handcuffs	5.00
1 city map	3.00
10 police badges	14.00
5 police caps	7.50
	<hr/>
	\$ 150.50

Ben F. Carson,
Chief of Police.
January 1, 1917.



BEN F. CARSON
Chief of Police.



EDNA KELLOGG
Visiting Nurse and Police Matron.

Department of Health and Welfare

C. S. LONGNECKER, Commissioner.

To the Mayor and Commissioners:
1455d—Gentlemen: During the year 1916, your commissioner of health and welfare has had to deal with many perplexing problems, and while mistakes may have been made, yet I think on the whole that the results obtained have gone far toward better sanitation and health and community betterment.

Water Department.

In this department, I wish to call the attention of the commission to the past unsatisfactory methods employed for the sale of the water to the citizens. The flat rate has no equity in it whatever. For instance, some of the citizens who were on a flat rate, paying a specified rate per tap, along comes a plumber and adds new taps which the water department never learns anything about, yet the rate remains the same. Other citizens are on a meter basis, which is the only businesslike and equitable way of selling to the citizen.

I wish to respectfully recommend the placing of this department on a strictly meter basis, just as fast as the funds of the department can be used to purchase the necessary meters.

The water works plant and mains are in first class condition and the only additional expense that I see necessary for the more successful operation of this department is the side-track for the plant building. The successful operation of the water department is due largely to the excellent work of the superintendent and all those under him in this department, and I cannot speak too highly of their efforts to please the commissioners and the citizens. I firmly believe in

cutting operating costs and wish to recommend to this commission that they investigate the idea of pumping the city water by means of electrical power from the city power house at Keystone.

Electric Light Department.

In the past year this department has made rapid strides toward better service and has made exceptional gains in the sale of current.

A new Woodward advanced type water wheel governor has been purchased which will probably be installed by March, thus giving better regulation of the lights and effecting a large saving in our water supply.

I wish at this time to establish a cooking and heating rate which is very much desired by our citizens, and I am of the opinion will be the means of increasing our revenues from the sale of additional current.

I would like to ask this commission to look into the matter of obtaining additional flowage rights for the plant, with the view of raising the water at least two feet, thereby creating enough additional power to run the department for many years to come. I firmly believe that this can be accomplished for an expenditure of about \$8,000.00, and the investment is so small compared to the results that will be obtained that I hope the necessary steps will be taken in the near future to complete this work.

Again I wish to call your attention to the excellent way in which the superintendent and all those in this department have worked to make this plant a success and a paying investment, and too much credit cannot be given them.

Health Department.

Whenever I think of the health department of this city, I call to mind the vast sums of money spent annually for the police and fire departments and on our city streets as compared to the small amount allowed each year for the most important department. However, during the last year the commission created the office of city health officer, and to my mind no work that was done in the year 1916 was so important or led to more successful results. I respectfully call your attention to the office and laboratory, fully equipped, of the health officer, located at the water works plant on Bay street, where the citizens are welcome at all times. Daily tests of the water supply are made as required by the state board of health, as are also meats and milk inspected from time to time.

The combining of the office of health officer and the meat and milk inspector has effected a saving of many hundreds of dollars to the citizens and taxpayers, as well as giving to the city the services of a man who spends his entire time in the important work. In the fall of 1916 we experienced a smallpox epidemic in our city. The handling of this trouble, without a single fatality and no disruption of business, speaks for itself for this department. Better sanitation is being carried out along modern methods, but I regret to state that this department is woefully lacking for means to care for the garbage and refuse of the city, and I now ask this commission, for the good of Traverse City, to provide better facilities for destroying this menace to the health of our city.

Library.

This department, so largely patronized by the younger class of people, has been painted and repaired, also many new books added to the already excellent collection. The grounds surrounding the building have been kept in nice condition and all citizens may feel proud to point out this building to any visitor to the city.

To the governing board of library trustees and librarian is due a great deal of praise and credit for their untiring efforts in behalf of the city library.

Cemetery.

The improvements of late, in this property cannot help but be the source of a great deal of satisfaction to the citizen and taxpayer. The sexton's residence has been extensively repaired and painted; flower beds have been added to the yard, making the dwelling here an attractive appearance. The old barn and other unsightly outbuildings should be repaired and painted. No sod is purchased at the present time, as ground in the new cemetery has been seeded and cared for, thus furnishing all the sod necessary for use in grading lots. This is saving considerable expense, and the credit is due the present sexton, whose work along lines such as was just mentioned, cannot be too highly commended.

In conclusion, I wish to take this opportunity to most heartily thank the commission, appointive officers, and the office force for their loyalty and help in making Traverse City one of civic betterment.

Respectfully submitted,

C. S. Longnecker,
Commissioner of Health and Welfare.
January 15th, 1917.

To the Mayor and Commissioners,
Traverse City, Michigan:

1455e—Gentlemen: I submit herewith report of the librarian and library trustees for the fiscal year of 1916.

Respectfully submitted,

C. S. Longnecker,
Commissioner of Health and Welfare.

LIBRARY TRUSTEES' REPORT.

To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan:
Gentlemen:

The Board of Trustees of the Public Library of the City of Traverse City have the honor to submit the following report:

The library has made a substantial gain this year in the number of books added. A total of 1,097 new books have been added during the year.

There has been a slight decrease in the number of books issued from the main library and also from the Oak Park branch library. This fact is due almost entirely to the smallpox epidemic which existed in the city during the early part of the school year.



MRS JULIA UMLOR
Library Trustee.



MISS ALICE M. WAIT
Librarian-



CITY LIBRARY

There has been a noticeable decrease in the number of books of adult fiction issued, and an increase in the issue of other classes.

The plan of sending out 100 volumes to the Boardman and Elmwood Avenue schools was inaugurated in March of this year. This plan has proved to be a successful one in reaching a larger number of the reading patrons in parts of the city lying at a distance from either the main library or the Oak Park branch. We would recommend that this plan be continued in the future.

We desire to express our sorrow to the family and friends of Miss Ruth Robertson, who was suddenly stricken by death on Thursday, December 28. During the past year Miss Robertson had given very efficient service as librarian of the Oak Park Branch Library.

Miss Mary Moffatt has been appointed to fill the vacancy at the Oak Park branch. She has taken some training as cadet at the main library and we have every reason to believe that she is capable of assuming the responsibilities of the branch library.

The library club room has been used throughout the year by the Woman's club and by the various societies of the high school. The reading rooms are crowded every evening in the week by high school students, who come to consult the various reference books that deal with their daily work in the school and with their debating societies. We feel that this is the proper condition and that the library should at all times do all in its power to assist the schools in their work. There should be very close relations and good working harmony between the library and the schools of the city.

The library force will make every effort possible to render assistance to the schools and to the general reading public, and we ask for suggestions from all citizens of the city in our efforts to make the library efficient and helpful.

We wish to express our thanks to the many friends who have given valuable books and other articles to the library during the present year.

In conclusion, the board of trustees

again desire to thank the mayor and members of the city commission and the citizens of Traverse City for their interest and help in this important branch of our city government.

Respectfully,

Mrs. Julia S. Umlor,
Lee Hornsby,
Leon F. Titus,
Board of Trustees.

Librarian's Report.

To the Board of Library Trustees:

I have the pleasure of presenting to you the thirteenth annual report of the Traverse City Public Library, for the year January 1st to December 31st, 1916.

Number of adult books issued by classes:

	Main Library.	O. P. Branch
Fiction	16,678	4,259
Philosophy	125	1
Religion	106	3
Sociology	305	15
Philology	6	0
Natural Science..	197	4
Useful Arts	322	100
Fine Arts	543	19
Literature	759	41
History	305	42
Travel	252	48
Biography	258	12
General Works...	729	374
	20,585	4,918

Total number of adult books issued, 25,503.

Number of juvenile books issued by classes:

	Main Library.	O. P. Branch
Juvenile fiction ..	9,508	4,965
Philosophy	0	2
Religion	76	39
Sociology	637	56
Philology	1	1
Natural Science...	206	207
Useful Arts	152	38
Fine Arts	143	54
Literature	178	217
History	161	137
Travel	197	122
Biography	95	45
General Works ..	178	169
	11,532	6,052

Total number of juvenile books is-

sued, 17,584; Boardman Ave. school library, 771; Elmwood Ave. school library, 326. Total number of books issued, 44,184.

Number of volumes by classes:

	Main Library.	O. P. Branch
Fiction	3,079	616
Philosophy	113	8
Religion	197	19
Sociology	362	15
Philology	45	9
Natural Science..	304	21
Useful Arts	293	22
Fine Arts	221	2
Literature	870	103
History	694	101
Travel	364	57
Biography	356	39
General Works ..	1,135	95
Mich. documents..	389	
Mich. pamphlets..	564	
U. S. documents..	537	
U. S. pamphlets..	2,907	
Geologic atlases..	224	
Art collections....	4	
Stereoscope travels	6	

12,664

1,107

Total number of adult books, 13,771.

Number of juvenile books in the library by classes:

	Main Library.	O. P. Branch
Juvenile fiction ..	1,462	517
Philosophy	0	3
Religion	36	12
Sociology	113	45
Natural Science...	80	42
Useful Arts	38	9
Fine Arts	38	10
Literature	56	35
History	58	34
Travel	74	29
Biography	60	20
General Works...	79	25

3,094

781

Total number of juvenile books, 3,875; total number of books in library, 17,646.

Number of adult books added this year by classes:

	Main Library.	O. P. Branch
Fiction	200	58
Philosophy	21	1
Religion	9	0
Sociology	42	1

Philology	6	1
Natural Science ..	22	0
Useful Arts	38	5
Fine Arts	20	1
Literature	67	1
History	19	0
Travel	19	4
Biography	10	2
General Works ...	79	8

552

82

Total number of adult books added by classes, 634.

Number of juvenile books added this year by classes:

	Main Library.	O. P. Branch
Juvenile fiction ..	228	86
Religion	1	0
Sociology	27	1
Natural Science..	18	1
Useful Arts	12	0
Fine Arts	9	1
Literature	21	11
History	6	0
Travel	18	3
Biography	11	2
General Works...	4	3

355

108

Total number of juvenile books added, 463; total number of books added, 1,097.

Number of persons visiting reading rooms:

	Main Library.	O. P. Branch
Men	3,478	477
Women	1,981	624
Children	7,566	4,494

13,025

5,595

Total in the reading rooms, 18,620.

Number of patrons enrolled: Main library, 3,629; Oak Park branch, 542.

New patrons added during the year: Main library, 509; Oak Park branch, 168.

Number of children attending Story Hour: Main library, 1,011. Average attendance, 67.

Number of books worn out: Main library, 20; Oak Park branch, 7.

Number of books destroyed: Main library, 17.

Number of books lost: Main library, 103; Oak Park branch, 27.

Number of books returned: Main library, 23.



THOS. C. MURRAY
Fire Marshal,



CASS STREET FIRE DEPARTMENT.

Number of volumes rebound, 337;
number of volumes of periodicals re-
bound, 136.

Magazines purchased: Main library, 79; Oak Park branch, 20.

Magazines donated: Main library, 3.

Newspapers purchased: Main li-
brary, 34.

Newspapers donated: Main library,
4. Total, 109.

Rental collection:

Number of books in rental collec-
tion Jan. 1st, 1916 49

Number of new books added dur-
ing the year 67

Number of books in rental dur-
ing the year 116

Number of books withdrawn from
rental during the year 37

Contracts	1.00
Insurance	58.73
Poles	403.76
Plant—Buildings, \$3,098.17; dynamos and switchboard, \$11,971.97; water wheel, \$7,209.88; dam and flumes, \$37,634.66; pole line, \$11,- 996.93; arc lights, \$8,- 450.46; transformers, \$10,- 009.18; meters, \$6,929.09; tools, \$188.72; sub sta- tion, \$8,493.71; office fur- niture and fixtures, \$445.96; office building, \$1,500; dist. lines, \$31,- 137.80; land, \$22,690.40...	161,756.93
Sinking fund	18,875.00
Automobile	339.75

\$208,909.05

Liabilities.

Number of books lost..... 3

Number of books in rental Jan.
1st, 1917 76

Amount of money collected from
the rent of books and used to
purchase new books for the
rental\$74.70

List of Donors: Caproni & Brother,
Boston, Mass.; Curtis Publishing Co.,
Philadelphia, Pa.; Elsworth, R. H.,
Lansing, Mich.; Gregory, G. E., New
York, N. Y.; Imperial Consulate of
Austria, Cleveland, O.; Irving, Mrs. C.
H., Cleveland, O.; Maxim, Hudson,
Maxim Park, N. J.; National Cannery
Association, Washington, D. C.; Par-
ker, Sir Gilbert, London, Eng.; Rob-
ertson, Mrs. Alex.; Shaw, Miss Anna,
New York, N. Y.; Stantin, G. Smith,
Great Neck, N. Y.; Umlor, Mrs. W. H.;
U. S. Department of Labor, Children's
Bureau, Washington, D. C.; U. S. Gov-
ernment Printing Office, Washington,
D. C.; Vaughan, Colemang Lansing,
Mich.; Virginia-Carolina Chemical Co.,
Richmond, Va.; Webb, G. P., Sherman,
Texas.

1455f—Report of Electric Light and
Power Department. 1916. C. S.
Longnecker, Commissioner Health
and Welfare.

Assets.

Cash on hand	\$ 16,591.25
Accounts receivable	6,176.60
Inventories:—	
Store	4,686.03

Bonds	\$150,000.00
Interest (due 1 month)....	531.25
Accounts payable	119.11
Deposits for current	112.00

\$150,762.36

Expense, 1916.

Station—

Labor	\$ 1,597.77
Grounds	10.99
Dynamos and switch boards	55.87
Water wheels	19.85
Dam and flumes.....	21.07
Tools	58.68
Sub station	110.08
Miscellaneous	74.11

\$ 1,948.42

Outside—

Pole lines	\$ 547.89
Arc lights	1,371.26
Incandescent lights	38.83
Meters	106.75
Trimming arc lights....	89.74
Transformers	11.50
Shop	111.91
Renewals	68.68
Reading meters	161.55
Trouble	167.43

\$ 2,675.54

General—

Office	\$ 925.00
Supplies	157.63
Interest	6,375.00
Insurance	25.80

Taxes	300.50	store fixtures, \$7.85; of-
Office expense	472.10	fice F. & F., \$122.27; sub.
Soliciting business	690.85	station, \$31.49
Superintendence	873.81	2,156.06
Depreciation	3,471.48	\$161,756.93
Liability insurance	79.52	Bonds Outstanding
Donations	82.18	December 31, 1916.
Lights	99.76	No. 1 to 50; rate $4\frac{1}{2}$ per
Auditor	75.00	cent; amount, \$10,000.00;
Janitor	182.31	total
Auto expense	183.98	\$150,000.00
Depreciation	114.43	Due June 11, 1932.
		January 15th, 1917.
	\$ 14,109.35	To the Mayor and Commissioners,
		Traverse City, Michigan:
Wiring.		1445g—Gentlemen: I submit herewith
Total labor	\$ 1,626.82	financial report of the Water Depart-
Total material	5,378.71	ment of this city, together with report
		from W. S. Williams, superintendent,
Total expense	\$ 7,005.53	for the fiscal year 1916.
Wiring receipts	\$ 7,170.53	Respectfully submitted,
Wiring expense	7,005.53	C. S. Longnecker,
		Commissioner of Public Health and
Profit	\$ 165.00	Welfare.
Store.		Report of the Superintendent of the
Inventory Dec. 31, 1915....	\$ 5,072.98	Water Works, Traverse
Goods purchased 1916.....	9,672.92	City, Mich.
		Mr. Charles S. Longnecker, Commis-
Total	\$ 14,745.90	sioner Public Health and Welfare.
Sales, 1916	10,059.87	Dear Sir: I submit herewith a brief
On hand Dec. 31, 1916...\$	4,686.03	report of the pumpage and new work
Store profit, 1916	954.69	done in the water department for the
Profit and Loss.		year 1916.
Dr.		The records show that 831,241,000
Old accts. charged		gallons of water have been pumped
off	\$ 270.21	during the year. Allowing five per cent
Auditing books,		for slippage, it would show that a total
1915	75.00	of 789,679,000 gallons have been
		delivered, an average of 2,152,000 gal-
	\$ 345.21	lons a day.
Cr.		The largest day's pumpage during
Taxes	\$ 647.67	the year was July 29, there being on
Interest on cash		that day 5,760,000 gallons pumped.
on hand	661.99	The smallest day's pumpage was Oc-
Wiring profit ...	165.00	tober 22, there being pumped on that
Current profit ...	9,455.30	day 1,320,000 gallons.
Store profit	954.69	During the year 31 new taps were
Total profit 1916. 11,539.44		installed, making a total of 2,342 taps
		in the city.
	\$11,884.65	Three hundred and six meters were
	\$11,884.65	set, ranging in size from $\frac{3}{4}$ inch to 4
Inventory.		inches, making a total of 1,198 meters
Plant—Inventory, 12-31-16,		now installed. Ninety-six of these met-
\$163,072.35; less deprecia-		ters were set at the curb.
tion, \$3,471.48	\$159,600.87	This year we laid 1,600 feet of new
Improvements — Meters,		water main, as follows:
\$552.21; transformers,		Six hundred and forty feet on Mon-
\$563.76; dist. lines,		roe street, between Randolph and Jef-
\$687.36; pole lines,		ferson streets, thereby making a com-
\$119.72; arc lights, \$71.40;		

plete circuit between Randolph and West Front streets.

Six hundred feet of 4-inch main in Oakwood cemetery, in the new part, south of Hannah avenue.

Three hundred and sixty feet of 4-inch main for Grand Traverse county at the Fair grounds, connecting on East Front street main, going 360 feet south in the Fair grounds, where we set a fire hydrant.

Two new sanitary drinking fountains were installed, one in the engine room at the water works, and one at the corner of Cass and East Front streets. Two old fountains were also repaired and set in commission, they being located at the corner of East Front and Park streets, and at the corner of Front and Union streets.

The intake pipe was thoroughly inspected by a competent diver, and found to be in first class condition.

Number 2 pump at the water works has been repainted, and number 1 pump will be repainted this winter.

In April of this year a new liquid chlorine apparatus was installed, and thus far is giving entire satisfaction. The water is analyzed every day by Health Officer Dr. G. A. Holliday, and the results of these examinations show the importance of the chlorine treatment of the city water. After the chlorine treatment the water tests show complete destruction of all disease producing organisms.

In conclusion, I would suggest that the water department continue to install meters. The months of July and August were extremely dry and hot. More water was used in those two months than any two months previous, yet during the whole year we pumped less water than last year. This, I believe, was due to the installing of meters.

Respectfully submitted,

W. S. Williams,

Superintendent of the Water Works.
Water Department—City of Traverse
City, Michigan. Balance Sheet. December 30th, 1916.

Assets.

Treasurer	\$ 22,091.01
Accounts receivable	3,481.27
Inventory	5,276.70
Insurance—Fire \$154.25; liability, \$12.67	166.92

Discount	165.26
Plant—Real estate, \$8,- 960.00; buildings, \$13,- 825.44; boiler No. 1, \$1,- 900.04; boiler No. 2, \$1,- 900.04; pump No. 1, \$18,- 620.08; pump No. 2, \$18,- 620.08; intake, \$4,749.92; aux. machinery, \$707.68; mains, \$126,786.46; hy- drants, \$9,167.77; taps, \$19,198.95; meters, \$10,- 910.21; misc. equipment, \$1,502.61; chlorine plant, \$881.79; office equipment, \$173.80; fountain, \$28.38..	237,933.25

\$269,114.41

Liabilities and Ownership.

Bonds	\$ 92,000.00
Accrued interest	1,327.28
Depreciation reserve	56,451.21
Schedule rates, advanced..	1,691.00
Accounts payable	209.20
Ownership	105,694.59
Current year's profit	11,741.13

\$269,114.41

Expense—Year Ending Dec. 30, 1916.

Pumping Expense — Engi- neers, \$2,315.00; firemen, \$1,881.70; fuel, coal \$330.69, wood \$1,908.00; oil, \$84.43; soap, \$5.16; waste, \$11.40; packing, \$97.85; electric light, \$181.61; electric power, \$21.88	\$ 6,837.72
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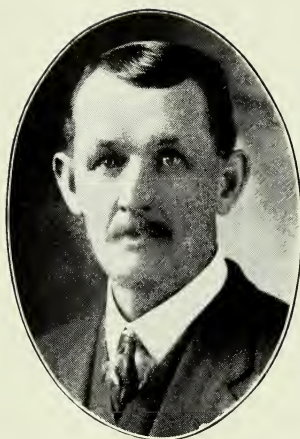
Maintenance expense—Boil- er No. 1, \$70.79; boiler No. 2, \$162.18; pump No. 1, \$38.33; pump No. 2, \$145.98; buildings, \$57.87; mains, \$67.90; hydrants, \$388.11; chlorine plant, \$6.00; intake, \$39.50; aux- iliary machinery, \$48.55; grounds, \$76.83; sprink- ling valves, \$25.79; ser- vices, \$149.60; meters, \$144.42; misc. equipment, \$55.25	1,477.10
Chlorine	146.88

General Expense—Superin- tendent, \$930.40; clerk hire, \$600.00; printing, etc., \$133.53; supplies, \$28.30; telephone, \$16.12; postage, \$61.70; deprecia-	
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tion, \$5,391.60; insurance, \$130.59; liability insurance, \$30.72; interest, \$4,011.53; refunds, \$42.20; reading meters, \$126.80; inspections, \$28.30; turning off and on, \$186.30; auditing, \$75.00; office, coal, \$10.33	11,803.42	drant rental, \$9,100.00; extra water, circus, etc., \$47.00	\$ 30,058.19
Total	\$ 20,265.12	Revenue—Taps, \$150.00; installing meters, \$300.00; meter rental, \$1,053.50; labor sold, \$1.57; interest on deposits, \$399.86	1,904.93
Income—Year Ending Dec. 30th, 1916.		Total	\$ 31,963.12
Water Sales — Schedule rates, \$9,512.97; meter rates, \$10,713.22; street sprinkling, \$335.00; city cemetery, \$350.00; hy-		Total receipts	\$ 31,963.12
		Total expense	20,265.12
		Current year's profit	\$ 11,698.00
		Profit and loss acct.	43.13
		Total profit	\$ 11,741.13

BONDS.

Name.	Amount.	Due	Rate.	Annual Interest
Extension	\$15,000.00	11-1-1930	4 per cent	\$600.00
Extension	10,000.00	11-1-1930	4 per cent	400.00
Extension	20,000.00	7-1-1924	4½ per cent	900.00
Extension	12,000.00	6-1-1928	4½ per cent	540.00
Extension	15,000.00	4-1-1929	4¼ per cent	637.50
Pump	20,000.00	4-1-1929	4¼ per cent	850.00
	<u>\$92,000.00</u>			<u>\$3,927.50</u>



W. S. WILLIAMS
Supt. Water Works.



WATER WORKS.

Inventory of City Water Works. January 1, 1917.			
Meters.			
230 5/8-inch Hersey meters @ \$6.30	\$ 1,449.00	1 8-inch to 4-inch reducer..	11.00
1 1-inch Hersey meter.....	12.60	1 8-inch to 6-inch reducer..	12.00
2 Top Case Hersey meters	8.00	1 16-inch to 10-inch reducer	14.00
4 1-inch disc meter.....	8.00	1 4-inch to 10-inch increaser	6.00
3 1 1/2-inch Trident disc meters	18.00	1 6-inch to 10-inch increaser	7.00
2 2-inch Worth disc meters	4.00	10 lbs. lead wool	1.50
45 5/8-inch disc meters.....	27.00		\$ 1,319.50
5 Worth cases (top)	7.50	Taps.	
4 Keystone bottoms.....	4.00	36 3/4-inch curb cocks, @ \$1.25	\$ 45.00
2 5/8-inch Keystone top cases	3.00	25 bottoms for service boxes	12.00
3 dozen bolts .....	.75	6 1-3-inch wiped joint lead Con.	12.00
1 Worthington clock	1.50	2 3/4-inch wiped joint lead Con.	3.00
6 Keystone clocks	8.25	5 5/8-inch wiped joint lead Con.	7.50
	\$ 1,551.60	8 1-inch curb cocks.....	16.00
Mains.		6 1-inch flange lead Con...	21.00
9 valve stems	\$ 18.00	6 3/4-inch flange lead Con..	18.00
1 4-inch plug .....	.40	51 lead Con. and corporation cocks complete, at \$2.62	153.62
1 6-inch plug .....	.60	48 services boxes, @ \$1.10..	52.80
1 piece 16-inch main.....	18.00	Hydrants.	
44 pieces 10-inch main	43.20		\$ 340.92
2 pieces 8-inch main.....	22.00	4 5-inch valves	\$ 5.00
2 pieces 6-inch main.....	10.00	19 4-inch valves	19.00
10 pieces 4-inch main.....	40.00	5 5-inch drips	7.50
2 pieces 10-inch ball joint..	20.00	4 4-inch drips	4.00
1 4-inch gate valve	7.50	16 glands	16.00
1 8-inch gate valve.....	16.00	6 opening nuts	12.00
4 12-inch gate valves.....	100.00	3 5-inch hydrant bottoms..	24.00
3 6-inch valves for tapping mains	45.00	2 4-inch hydrant bottoms..	10.00
1 20-inch valve (special)...	170.00	Paint for hydrants	25.00
2 6-inch valves	24.00	1 4-inch hydrant	20.00
3 4-inch sleeves	4.75	2 5-inch hydrants	60.00
3 6-inch sleeves.....	5.75		\$ 202.50
1 10-inch sleeve	4.75	Miscellaneous Pipes and Fittings.	
1 12-inch sleeve	5.50	15 3/4-inch nipples	\$.75
1 16-inch sleeve	20.00	34 3/4-inch couplings	2.00
2 12-inch plugs	9.00	15 3/4-inch return bends....	1.86
6 12x12x16 T's	50.00	40 3/4-inch ells	2.00
1 10x10x6 T	9.25	21 3/4-inch tees	1.50
3 10x10x6 T's	25.00	30 3/4-inch unions	3.00
1 16x16x4 T's.....	12.50	325 1-inch galvanized pipe...	40.00
10 6-inch hydrant T's.....	50.00	50 3/4-inch galvanized pipe..	4.00
2 4-inch hydrant T's.....	9.50	60 1/2-inch galvanized pipe..	4.00
1 6x6x4 T	6.00	3 dozen reducers, 3/4 to 1/2-inch	2.00
1 8x6 cross	11.00		\$ 61.11
1 12x6 cross	25.00	Miscellaneous Equipment.	
2 10x6 crosses	26.00	2 2-inch Globe valves	\$ 4.00
6 4-inch crosses	12.00	2 1 1/2-inch Globe valves....	2.00
1 12-inch to 6-inch reducer	32.00	1 2-inch union	2.00
2 6-inch to 12-inch reducers	12.00		
1 12-inch to 4-inch reducer	8.00		
1 12-inch to 8-inch reducer	6.50		\$ 8.00

Meter Boxes.

69 meter boxes, @ \$1.50.....\$	103.50
Expense, Inventory.	
Oil—Cylinder, \$14.49; engine,	
\$12.11	\$ 26.60
40 lbs. grease	2.50
50 lbs. waste	6.30
80 lbs. soap	7.17
Packing	10.76
200 lbs. liquid chlorine.....	30.00
Coal	1,600.49
Boiler compound	5.75

\$ 1,689.57

Total 5,276.70

January 15, 1917.

To the Mayor and Commissioners,
Traverse City, Michigan:

1455h—Gentlemen: I submit herewith
report of Willard Campbell, electrical
inspector, for the fiscal year of 1916.

Respectfully submitted,

C. S. Longnecker,

Commissioner of Health and Welfare.

**Report of Electrical Inspector for
Year Ending Dec. 31st, 1916.**

Mr. C. S. Longnecker, Commissioner
of Public Health and Welfare:

The following is a report of the
work performed by me as city electri-
cal inspector during the past year:

Inspections for Boardman River Co.
—No. of inspections, 44; light open-
ings, 551; number switches, 227; mo-
tors, 9. Fees collected for city, \$23.25.

Inspections made for individuals—
No. of inspections, 22; No. light open-
ings, 288; number switches, 77. Fees
collected for city, \$18.25.

Inspections made for City Light
Plant—No. of inspections, 38; light
openings, 601; number of switches,
167; motors, 2. Fees collected for
city, \$20.00.

Total amount collected, \$61.50.

Many defects have been corrected
both within buildings, also outside,
such as removing dead poles and
wires generally throughout the city.
The various companies owning wires
in the city have been very willing to
correct any and all defects upon re-
quest.

The wiring in many buildings
throughout the city is in poor condi-
tion, especially the drop cords. Two
fires were started by reason of such
defects, one at the Globe Dept. Store
and the other at the Morgan Livery,

and great loss was prevented only
from the fact that both of these start-
ed during the day time while work-
men were on duty.

The wiring in three of the school
building is specially bad. This has
been reported to the board in detail,
and steps should be taken at an early
date to correct the overloaded condi-
tion and improper wiring in these
buildings.

I believe and recommend that all
parties doing electrical work in the
city be required to obtain a license
therefor, thus safeguarding this very
important line of business and insur-
ing much better work in the future
than has been done in the past.

It is my intention to make inspec-
tions of all old wiring, especially on
and within buildings, and make such
recommendations relative to same as
will insure safety to the public and
owners thereof.

Respectfully,

Willard H. Campbell,

Electrical Inspector.

January 15th, 1917.

To the Mayor and Commissioners,
Traverse City, Michigan:

1455i—Gentlemen: I present herewith
report of visiting nurse for the fiscal
year from January 1st, 1916, to Janu-
ary 1, 1917.

Respectfully submitted,

C. S. Longnecker,

Commissioner of Public Health and
Welfare.

**Annual Report of Visiting Nurse From
Jan. 1st, 1916, to Jan. 1st, 1917.**

Number of patients nursed in year,
180: Grand Traverse county cases,
29; Metropolitan Life Insurance Co.
cases, 54; Bureau of Associated Char-
ities cases, 93; pay cases, 4; tubercu-
lossi cases advised, 196.

Number of visits made in year, 776:
For Grand Traverse county, 160; for
Metropolitan Life Insurance Co., 268;
for Bureau of Associated Charities,
339; for pay cases, 12; for tuberculosis
cases 303, for Metropolitan Co., 91.

Cases reported to Anti-Tuberculosis
society, 7.

Sanitary Police Work for the Year:
Number families, 54; visits made,
130.

Charity Work Done for the Year:
Clothing collected and given to worthy

families. Families relieved in country, 2; calls made as investigations, 53.

Special Work for the Year—Juvenile court calls, 87; police matron investigations, 90; business calls, 200; office calls, 110; calls as probation officer, 47; patients taken to U. of M. hospital, Ann Arbor, 2; patients taken to private hospitals in city, 2; cared for a two and half year old child at police headquarters until parents called; boys taken to East Jordan, 2; people requesting work done, 19; requests for work, 19; employment furnished for 4.

Receipts for the Year—Metropolitan cases, amount collected, \$120.00; county cases, amount collected, \$54.50; pay cases, amount collected, \$6.50. Total amount collected and paid to city, \$181.00. County cases, amount due on Nov. acct., 1916, \$4.50; county cases, amount due on December acct., 1916, \$8.50; pay cases, amount due on December acct., 1916, \$2.00. Total amount due, \$15.00.

Signed:

Edna O. Kellogg.

January 15th, 1917.

To the Mayor and Commissioners,
Traverse City, Michigan:

1455j—Gentlemen: I submit herewith report of the Health Department made by G. A. Holliday, health officer, for the fiscal year, 1916.

Respectfully submitted,

C. S. Longnecker,

Commissioner of Health and Welfare.
Mr. Charles S. Longnecker, Commissioner Public Health and Welfare:
Traverse City, Mich.

Dear Sir: I have the honor to submit herewith the annual report of the health officer for the year ending December 31, 1916.

Total number of deaths during the year, 344. Of these, 198 were reported from the State hospital; also from this number 17 were deaths which occurred at the general hospital, who were residents of the adjoining townships and from Leelanau county, having been brought to the local general hospital for treatment. In addition to these, 11 still births were reported as deaths. Eliminating 198 from the State hospital, 17 from the General hospital (non-residents) and 11 still births, which totals 228, the number

of deaths occurring in the city total 118. Assuming the population of Traverse City to be 13,000, the death rate for the year 1916 was 9.07 per 1,000.

Causes of death were as follows:

Diseases of the heart, 19; cerebral hemorrhage, 15; old age, 15; tuberculosis of the lungs, 11; cancer of the liver, 6; lagrippe, 5; pneumonia, 5; nephritis, 3; colitis, 3; general peritonitis, 2; appendicitis, 2; meningitis, 3; diabetes mellitus, 2; cancer of the stomach, 3; accidental deaths, 3; oedema of the lungs, 2; malnutrition, 2; pernicious anemia, erysipelas, epilepsy, diphtheria, cholera infantum, embolism, progressive muscular paralysis, tumor of the brain, convulsions, congenital hydrocephalus, cancer of the rectum, strangulated hernia, Bright's disease, tuberculosis of the kidney, cancer of the breast, disease of the liver, hemorrhage of the stomach, each one, 17. Total, 118.

The deaths by ages are divided as follows:

Under one year of age (not counting 11 still births), 17; between one and five years, 4; between five and ten years, 1; between ten and twenty years, 5; between twenty and forty years, 9; between forty and sixty years, 28; over sixty years, 54. Total, 118.

The number of births in the city were 196, of which 108 were male and 88 were female.

Communicable Diseases.

Aside from the epidemic of smallpox which prevailed during the months of October, November and December, the city has been comparatively free from contagious diseases. They are classified as follows:

Diphtheria, 8; typhoid fever, 5; infantile paralysis, 2; pneumonia, 7; chicken pox, 19; small pox, 94; scarlet fever, 3. Total, 138.

In regard to the five cases of typhoid fever, it is important to note that two of them were reported from the State hospital, they being inmates of that institution; another contracted the disease in Detroit, and came home to be nursed; still another was taken sick in Flint and came home to be cared for. This leaves only one case of typhoid fever occurring in the city

during the entire year of 1916, a remarkable record which reflects credit upon the city water and milk supply.

On October 3rd of this year there came to my knowledge three cases of smallpox. Upon investigation I found that there had been for some time a very mild rash which was diagnosed by the laity as itch, chicken pox and various other minor troubles, being deemed of so little importance that the family physician was not consulted. These were unmistakably light cases of small pox, and before we were aware of it, the citizens were quite generally exposed to the disease. Within three weeks from the discovery of the first case the number had increased to over sixty, and before the last case was stamped out 94 had been reported. I at once recommended a general vaccination of all citizens, and a few days later ordered all school children to be vaccinated. This order was quite generally complied with, although not a few refused to submit, consequently many of those subsequently contracted the disease. The schools, picture shows, churches and other places where the masses congregate were not closed, but the teachers, parents and citizens generally were urged to co-operate with the health department in locating any and all suspected cases. This co-operation was magnificently given, especially by the public school teachers, and your health officer is deeply indebted to them for their unceasing vigilance. By the middle of December the last case was reported out of quarantine. There were no fatalities, and the commercial activities of the city were not materially injured.

Milk and Meat Inspection.

On April 15th of this year your health officer was appointed full time health officer, also milk and meat inspector. Since that time I have made visits to the dairy farms, and for the most part find them in good condition. The product is of a good quality, and never have I discovered milk below the requirement as established by the city ordinance. Milk is one of the most difficult of all foods to keep clean, but the producers as a whole appear to realize this fact, and it is gratifying to note that they are as de-

sirous as anyone to place their goods on the market in as sanitary condition as possible. I have found that where they may err, it is from lack of knowledge rather than from intent, and are always glad to receive suggestions and to act accordingly.

Since April 15th I have analyzed 316 samples of milk for butter fat. I received these samples from the milk wagons, restaurants, dairy farms, distributing stations and other places. The city ordinance requires that a milk with not less than 3 per cent fat be sold in the city. The lowest fat per cent of milk which I have tested showed 3.6 per cent butter fat.

I have also tested 67 samples of cream, and 24 samples of butter. These were obtained from various sources.

Traverse City may feel justly proud of its meat markets. While I have not as yet established any regular time for the inspection of these places, deeming it better to drop in at the unexpected time, and yet not with the thought of trapping a dealer unawares, I have made many visits to these markets. It is true that in some few instances I have found some dirt; but there is a vast difference between dirt and filth, and it has been my policy to deal fairly with all. During the hot summer months it is no easy matter to handle meats, but a visit by any of our citizens to our markets will reveal the fact that the owners and managers of these markets are careful. In many instances I have been called upon to judge meat or an animal before the dealer would buy it, which demonstrates their care and caution. I do not desire to impress these men that my attitude toward them is as one standing over them with a club, but with the spirit of helping them in any way possible; and this method is working out very satisfactorily.

City Water Supply.

Incumbent upon my duties is the analysis of the city water. By a resolution of the state board of health, wherever a chlorine system of purifying water is installed, daily analyses of the water must be made. In accordance with this resolution I have made hundreds of tests of the city



UNION STREET—LOOKING SOUTH FROM FRONT STREET



UNION STREET—LOOKING NORTH.

water, also the water from surface wells, and many other sources. About May first the new liquid chlorine apparatus was installed. This machine distributes the chlorine evenly through the water, is constantly on the job, and without any injurious effect whatever to the consumer, renders the water safe for drinking purposes. It would be well if our citizens would acquaint themselves more thoroughly with the application of this important addition to our city water supply, for then they would more fully realize its full value. Occasionally complaints are made that the chlorine taste is strong and disagreeable. This may be due to a light pumpage and a little excess of chlorine. It is difficult to determine always the exact amount of the liquid to use, by reason of the fact that the organic matter in the raw, or untreated water, varies to some extent. However, it is the desire of your health officer to maintain an even proportion, and use just enough of the chlorine to destroy all disease producing bacteria; and for the consolation of those who detect the taste of chlorine in the water at times, they are then certain that enough at least is being used, which is safer to their health than too little chlorine. Owing to our bay being the receptacle for all the city sewage the untreated water is necessarily contaminated and I firmly believe that this system of chlorine treatment of the water has saved much sickness and some deaths.

Medical Inspection of Schools.

By virtue of the action of the board of education, your health officer is required to make daily inspection of schools. The wisdom of this order was manifestly shown during the recent smallpox epidemic. At that time I visited every school every day, and with the help of the teachers, who were ever on the alert, kept the disease from spreading among the school children. I now spend practically two hours each day in some school, either the public or parochial, and such visits are bearing fruit. Children have been found with all sorts of defects, and in many instances they have had the required treatment. No objection to the examination of chil-

dren as now conducted has been heard, but on the contrary, many parents have expressed themselves as highly pleased with the benefits attributed directly to medical inspection of schools. It is not possible at this time to indicate the direct benefits derived from this inspection, owing to the short time it has been in force. Suffice it to say that many children who were found with defective vision, adenoids, chronic diseased tonsils, decayed teeth, and other affections, impairing their school work, have had these defects corrected by their family physician or specialist, and reports from their teachers show a marked improvement in their class work. It is impossible for an abnormal child to keep up with those of their fellows who are normal, and it is the object of this department to aid in every possible way those who need the advice which a physician in most cases can best give. It must be distinctly understood that your health officer gives no treatment whatever. He merely examines and reports his findings in writing to the parents, or guardian, of the child. He advises taking the child to their family physician or dentist for treatment and further advice. In one or two cases, however, where the parents of the child were extremely poor I have given the necessary treatment which was slight and not so important. To the credit of the physicians it may be here stated that they almost as a body stand ready to give medical or surgical aid to those who are unable to pay, many of them having assured me that they will help to any reasonable extent.

Garbage and Nuisances.

Many complaints were received regarding nuisances of various kinds, the most important being that of privy vaults, manure piles, and careless throwing of garbage in the back yards or alleys. Inasmuch as the city does not specifically provide for a systematic disposal of garbage, other than that it must be hauled to the city dump grounds, or burned, this question will continue to be a source of annoyance. Our citizens justly complain that it is too expensive to be compelled to haul their garbage to

the city grounds three miles away, and it is hoped that in the very near future the commission will make adequate provision for the proper handling of this matter, to be under the supervision of the proper commissioner.

During the summer I made special effort to have the people comply with the city ordinance in regard to connecting with the city sewer, thereby dispensing with the unsanitary outdoor privy vaults. As a result 72 privies were disposed of. This is not so large a number as we hoped for, but early in the spring this campaign will be renewed, and will be much more vigorously carried on through the coming summer. Our citizens must learn that the ordinance must be respected and obeyed, and it is only for their good, as well as their neighbors, that this department will strenuously enforce this ordinance. All sorts of excuses are made for not connecting with the sewer, and some seem quite plausible. Your health officer has considered them all very carefully, and confesses in some instances undue leniency; but in the future his slogan will be, "Get rid of that unsanitary privy and connect with the sewer," according to the provisions of an ordinance passed September 2nd, 1901, and amended March 2nd, 1914.

The City Laboratory.

The service of the city laboratory is for all citizens of Traverse City, and its use is being gradually increased. The local physicians have found it convenient in substantiating the diagnosis of many diseases. Any citizen is to feel at liberty to use this laboratory in any way that may be helpful to them. Of course the equipment, as well as the knowledge of the person in charge, is limited, yet with added experience your health officer hopes to render better services to all who may avail themselves of this, the people's laboratory. Milk, butter, cheese, meats, water and various other foods may be analyzed here, of course, free of charge, and all service is gladly rendered.

Recommendations.

The city is in need of a better system of garbage disposal, and I urge the commissioners to consider this

matter at an early date, so that the work can be completed early in the spring.

Many people on the west side wish to connect with the city sewer, and have asked for trunk lines adjacent to their properties so that such connections may be made. The conditions in that section of the city are such that in the event of heavy rains many places are flooded, pouring into the privy vaults, and when the waters recede the contents of the privies are strewn upon the ground, to become a stench and nuisance. It is to be hoped that the commissioners take action to provide for these citizens on the west side.

I recommend that private and public sewers emptying into the asylum creek be abated. Many complaints from citizens whose property joins this stream have been received at this office. Your health officer has personally inspected these places and wonders how the residents can tolerate such a nuisance. This should be given immediate attention.

I recommend the construction and maintenance of a public comfort station, to be built somewhere in the downtown district, easily accessible to the traveling public. Communications have been received at this office to the effect that no such accommodations are provided for the convenience of those coming to the city for an afternoon or evening, and at such time when all toilets, save those in the saloons, billiard halls and depots are closed. This is especially embarrassing to lady tourists, and my attention has been many times called to this matter during the past summer.

In conclusion I desire to state that the benefits derived from the office of a full time health officer can not as yet be determined, it having been in vogue but eight months. However, "By their fruits ye shall know them," and more time will have to be given to the constructive work which this department has planned. I wish to thank all who have co-operated with this department, to make it beneficial to all citizens. To Mr. C. L. Greilick, who created this office, believing it to be the best method of serving the peo-

ple, and to Mr. Charles S. Longnecker, under whose jurisdiction this department works, and to the city commission, your health officer is deeply indebted for their many suggestions and much help.

Respectfully submitted,

G. A. Holliday, M. D.,
Health Officer.

January 15th, 1917.

To the Mayor and Commissioners,
Traverse City, Michigan:

1455k—Gentlemen: I submit herewith report of Clifford Gabriel, superintendent of the City Cemetery, for the year 1916.

Respectfully submitted,

C. S. Longnecker,
Commissioner of Health and Welfare.
January 1, 1917.

To C. S. Longnecker, Commissioner,
Department of Health and Welfare:

Dear Sir: I give below an inventory of the cemetery equipment and a report for the year 1916.

During the year there have been sold 39 lots, of which 19 were improved, 22 single graves sold, 152 graves dug; 5 blocks graded and seeded in new cemetery; 125 trees set out; 500 feet of 4-inch water main laid; four streets in the new cemetery, approximately 2,000 lineal feet, ready for grading and gravel.

The receipts for caring for lots, extra labor, grading, burials, etc., during the past year amounted to \$2,045.57.

An ordinance was passed in February, 1914, providing for the perpetual care of lots, is being taken advantage of, particularly by parties who no longer reside here. The amount in this fund to date is \$600.00.

No sod was purchased during the last year. The ground prepared and seeded enabled us to have all the sod necessary, thus doing away with considerable expense.

During the year 1915 there was received for care of lots \$1,185.50, during 1916 \$1,247.75, being an increase of \$554.50 over the years 1913 and 1914, this principally for the reason that people are taking a greater interest in the cemetery and the good work that is being carried on by the Ladies' Cemetery association.

All tools are kept painted and in

good order. The grounds in connection with the residence put in trim and embellished with flower beds. A new and substantial iron fence should be erected along the entire frontage. By reason of the high cost of material this improvement might be deferred for two or three years, but we will find it necessary to make repairs in the present fence from time to time.

Much needed and substantial improvements were made in the residence during 1915, but the old barn and the unattractive buildings should be replaced with more servicable structures.

Inventory.

4500 feet $\frac{3}{4}$ -inch hose	\$ 275.00
4 cycles	2.00
1 crowbar	1.00
1 canvas, 1 dirt cover.....	12.00
5 grave linings	2.50
100 sprays	15.00
3 axes	3.00
2 lawn mowers	7.00
4 steel rakes	2.00
2 lawn rakes	1.00
4 shovels	2.00
2 spades	1.00
2 pair pruning shears	2.00
2 wheel barrows	2.00
3 pair lawn shears	1.50
2 pipe wrenches	2.00
1 grind stone	3.00
3 scythes	3.00
15 iron benches	18.00
10 wooden benches	5.00
1 wagon	10.00
2 ladders	1.50
1 set sleighs	10.00
1 sod cutter .....	.75
1 dock spud .....	.50
1 level	1.50
1 hammer .....	.75
1 chain	1.50
3 large size grave curbing..	7.50
5 small size grave curbing..	7.00
Total	\$ 401.00

Respectfully submitted,

Clifford Gabriel,

Superintendent of City Cemetery.

January 15th, 1917.

To the Mayor and Commissioners,
Traverse City, Michigan:

1455l—Gentlemen: I present herewith report of the Sanitary Police and Poundmaster for the fiscal year ending December 30th, 1916.

Respectfully submitted,
C. S. Longnecker,
Commissioner of Health and Welfare.
Jan. 1, 1917.

To the Honorable Mayor and City Commissioners:

My report from Dec. 25, 1915, to January 1, 1917.

Dogs killed and buried, 243; horses killed and buried, 14; horses died and buried, 59; cats died and buried, 27; dogs in pound and redeemed, 34; horses in pound and redeemed, 6; cows in pound and redeemed, 11; chickens in pound and redeemed, 7; dogs in pound at present time, 21; horses in pound for not being tied according to law, 3; female dogs running at large caught and killed, 9; female dogs in pound and redeemed, 1; dogs run over by automobiles, 5; dogs run over by teams, 9; dogs run over by train, 1; dogs found dead in streets, alleys and basement, 4; dogs that I gave away and city received taxes on same, 5; dogs sold in city and city received taxes on same, 6; dogs sold and sent outside of city limits, 43; calves died and buried, 4; pigs died and buried, 1; chickens found dead and buried, 6; dogs and cats that died or were sick that I had to kill for people, 14; deer died, buried for city, 1; closets cleaned in city limits, 327; cesspools cleaned in city limits, 19; closets cleaned outside of city limits, 3; cesspools cleaned outside of city limits, 1; rubbish removed from different places, 52; garbage removed from different places, 211; circus grounds cleaned up, 3; notices served for cleaning closets, yards and alleys, 63; notices served for sewer connections, 16.

Sewers connected from Dec. 25, 1915, till present time, 74; cesspools put in, 7.

Notices served, arrests made for burying closets, 9; notices served, arrests made for not paying dog taxes, 11; notices served, arrests made for draying without license, 1.

Had 5 double and 7 single rigs working to help clean up city, 12.

Closets cleaned where they had smallpox cases, 3; cleaned closet in Birchwood, ordered by health officer, small pox case, 1; cleaned closets and bath houses for city, 5.

Calls made through Chief of Police

Carson, 14; calls made through Patrolman Wright, 26; calls made through Patroman Olson, 14; calls made through health officer, 72.

Closets in Traverse City not connected, about 1,275; cesspools in Traverse City not connected, about 18; sewer connections made but not finished, 8; closets not connected in Boonville, private houses, 33; closets not connected in Boonville, schoolhouse, 1; factory in Boonville put in cesspool, 1; closets not connected in Second ward, about 542.

Private houses, factories and stores visited in regard to dog taxes, 137; places I wrote to outside of city in regard to cleaning up, 9; calls made through chief of fire department, 11; calls made through the mayor, 2; calls made through Mr. Longnecker, 58; calls made through Mr. Sleder, 7; calls made through Mr. Lardie, 2; calls made through Mr. Nash, 14; notices I gave to chief of police and served by him, 4; places visited by chief of police and myself in regards to cleaning up, 3.

Hauling cinders and filling holes in alleys and places, 27; removing manure from alleys and places, 39.

Put teams in Silver's barn for not being tied, 3.

Horses killed on account of old age, 16; horses killed on account of broken leg, 1; horses killed on account of being down and could not get up, 7.

Dog taxes collected by me, 32.

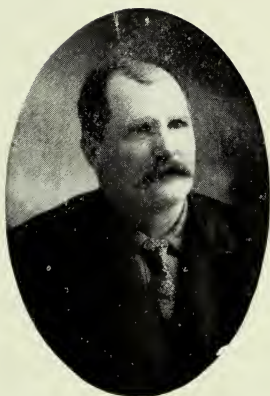
Calls made to the Wilhelm block in regard to dogs in building, 1; calls made account of chickens running at large, 18; calls made in regard to dogs howling or one thing or another, 4; calls made in regard to cows running at large or staked out, 9; calls made in regard to people dumping garbage and ashes in river, 2; calls made through George Lutman, 5.

Got three parks started, one in Fernwood, one on the east side and one on the west side.

In conclusion, I desire to tender my sincere thanks to the honorable mayor and city commissioners for the hearty support given this department. I remain,

Yours truly,

George W. Gegner,
Sanitary Police and City Pound Master.



GEO. W. GEGNER
Sanitary Police.



SIXTH STREET.

Department of Public Works and Property

JOSEPH SLEDER, Commissioner.

January 15th, 1917.

To the Mayor and Commissioners,

Traverse City, Michigan:

1455m—Gentlemen: I attach hereto report made to me by W. A. Royce, city engineer, for the year 1916, together with inventory of furniture, etc., in the city engineer's office, and the inventory of the street department.

Respectfully submitted,

Joseph Sleder,

Commissioner of Public Works and Property.

December 28, 1916.

Mr. Joseph Sleder, Commissioner of Public Works and Property:

Dear Sir: I submit herewith my annual report for the last fiscal year.

Streets.

The Traverse City State Hospital authorities offered to co-operate with the city commissioners and improve South Elmwood avenue from Sixth street to Eleventh street. Accordingly a twenty-foot drive was built of the city screened gravel, and early in the summer a coat of Tarvia "B" was applied and the entire surface sanded. This gave a nice smooth, dustless drive all summer long and seemed to be greatly appreciated by all the auto owners of the city. I wish to state one thing regarding this piece of work; the roadway was first excavated and the grade of the finished road is now such that a two-inch top course may be laid at any time, thus making a permanent improvement. Proper drains were laid to carry the water from the street at several places. The matter of drainage cannot be too strongly pointed out in this kind of work.

The bitulithic pavement on Washington street and the tarvia macadam on East Eighth, Wellington, Seventh, Fifth and Wadsworth streets were resurfaced with tarvia. Every square yard of the bituminous pavement in this city has been given this new seal coat within the last two years, and I wish to state that all the pavements are at the present time in good repair.

A combined curb and gutter was built on East Front street from the end of the pavement at Wellington street to the west line of Rose street. The street was then graded and resurfaced in a general way with screened gravel, and I would recommend that in the spring this street be carefully repaired and the surface made as smooth as possible, and when the weather permits to give it a good heavy coat of some bituminous road binder, thus making it smooth and dustless. This will do away with continual minor repairing and much of the sprinkling.

This should not only apply to Front street, but to any other street that is in good condition, such as Eighth street east of the G. R. & I. tracks, Washington street, Division street, Maple street, etc.

The matter of building curb and gutter on the resident streets is becoming quite popular in most places where the expense of paving is not warranted. Petitions were filed for the construction of a curb and gutter on Cass street from the P. M. R. R. tracks to Eleventh street, and on Tenth street from Union street to Lake avenue. Plans and estimates were prepared for this work and all the official proceedings have been

passed for the improvement and the work is to be started in the spring. As the sanitary sewers in this locality of the towns are not large enough to handle the water from these streets, and as the property holders here are already bothered every time it rains with the sewers backing up a storm sewer was recommended for Cass street. This was approved by the commission and the first 650 feet have been laid. When this sewer is completed it will carry a part of the storm water from the streets already paved, thus relieving the sanitary sewers to some extent.

350 lineal feet of new cross walks were built.

165 lineal feet of six-foot walk were built.

Sewers.

A 9-inch sanitary sewer was built in Third street from Cedar street to Elmwood avenue.

An 8-inch sanitary sewer was built in Elmwood avenue from Third street north to Second street and south to Front street.

An 8-inch sanitary sewer was built in the alley east of Union street from Thirteenth street to Sixteenth street.

A 6-inch sanitary sewer was built in Lake avenue from Cass street east to the Lardie warehouse.

A 24-inch storm sewer was started in Cass street, 650 feet being completed to date.

Several short drains of six and eight-inch pipe have been laid.

The 24-inch pipe mentioned above was made by the city. Many hundred feet of this size cement pipe has been made by the city employees during the past three years.

Bridges.

No work of any great expense was needed on any of the bridges. Park street bridge was scraped and painted. Cass street bridge railing was painted, the color being changed from red to green. The planking on Union street, Cass street and Eighth street bridges were tarviated.

Parks.

A cement walk was built across Elmwood park. This walk winds around between the trees and flower gardens in the park, making a much

prettier park than had a straight walk been built.

Respectfully submitted,
Wm. A. Royce,
City Engineer.

Inventory of City Engineer's Office.

1 roll top desk	\$ 15.00
2 section filing cabinet.....	10.00
2 sections Macey book case	12.00
1 filing cabinet	20.00
1 filing cabinet	10.00
1 book rack	1.00
1 drawing table	10.00
2 drawing boards and horses	10.00
1 map case	10.00
1 chair	3.00
1 blue print frame	5.00
1 blue print tray	2.00
1 Fairbank's cement testing scales	75.00
1 buff and buff transit	250.00
1 Gurley wye level	50.00
1 range pole	2.00
1 pocket leveling rod	1.00
1 100-foot steel tape	1.00
1 100-foot steel tape	5.00
Miscellaneous tools and equipment	15.00
	<hr/>
	\$ 507.00

Inventory General Street Property, January 1, 1917.

East Bay park	\$ 1,500.00
Land corner Cass and Washington streets	1,000.00
Lake Avenue park	2,000.00
Bay street tool house and lot	1,200.00
Gravel pit (20 acres).....	1,000.00
Third precinct building and lot	3,000.00
Second precinct building and lot	2,500.00
Fifth precinct building and lot	1,000.00
Market site, including tool house and weigh office....	16,000.00
Hannah park	4,000.00
Sunset park	7,500.00
Peninsula St. park	4,000.00
Bay St. park	3,500.00
Dumping grounds	500.00
1 steam power mixer.....	200.00
6 sprinklers	1,200.00
1 steam roller	2,000.00
1 steam engine	700.00
1 street grader	125.00
1 truck wagon	35.00
2 dump wagons	150.00

9 snow plows	55.00	3 1-gallon oil cans	5.00
1 trench pump and hose...	40.00	1 pair tongs for raising	
60 trench jacks	90.00	walks	5.00
18 sidewalk frames	36.00	1 handy wagon	24.00
Paving brick	75.00	1 plow	16.00
2 crow bars	2.00	1 breakup plow	20.00
14 picks	8.40	1 gasoline cement mixer..	200.00
14 lanterns	7.00	400 feet garden hose	20.00
10 hoes	3.00	5 dozen C. B. G. sprinklers	8.75
20 pavement scrapers	30.00	2 iron garden rakes	1.50
2 hand saws	3.00	3 sickles	1.00
2 snow scrapers	8.00	10 snow shovels	7.50
2 mattocks	1.20	2 garden spades	1.50
1 crosscut saw	1.00	1 wrench	1.50
4 hammers	2.00	4 wheelbarrows	4.00
1 sewer rod	10.00	40 lawn seats	30.00
1 oil distributor	400.00	2 tarvia kettles	200.00
21 barrels tarvia	105.00	6 tarvia cans	6.00
4 trestles	3.00	1 brace and 3 bits	2.00
1 trestle	3.00	2 pair sleighs	25.00
6 trestles for barricades ..	1.80	6 potato forks	6.00
2 scrapers	6.00	30 feet 12-inch tile	7.50
1 scraper chain	4.50	122 feet 15-inch tile	48.80
2 blocks and tackle	12.00	94 feet 24-inch tile	100.00
6 concrete tampers	6.00	800 feet 4-inch tile	32.00
1 vice	4.00	1 writing desk	15.00
3 neckyokes	2.00	3 chairs	3.00
2 axes	1.50	21 No. 2 shovels	10.00
1 pump and pipe	6.00	1 grind stone	2.50
5 sledges	3.00	1 set heavy harness	50.00
1 adze	1.00	3 horses	900.00
7 hydrant wrenches	1.75	1 heating stove	15.00
1 heavy wagon	50.00	1 flusher	900.00
1 road grader	125.00	1 expansioner	10.00
2 levels	1.50	2 pairs rubber boots	5.00
2 hand screens	3.00	1 stone crushing plant ...	1,700.00
3 palls	1.50		
2 sets sidewalk finishing		Total	\$58,694.90
tools	2.00	Stone	3,000.00
2 squares .....	.80	Pile driver	400.00
1 mixing box	1.00	Tile	400.00
1100 feet ¾-inch pipe	40.00		
2 pipe wrenches	2.00		\$62,494.90
1 brick trowel .....	.50	To the Honorable Mayor and City	
1 hose repair outfit .....	.50	Commissioners of Traverse City,	
1 monkey wrench .....	.40	Mich.:	
1 leveling scraper	2.00	I herewith submit the annual report	
2 slush boxes	4.00	of my office as city weighmaster.	
200 feet of 1½ inch pipe....	20.00	Total number Loads—Potatoes,	
1 leveling block	1.00	3,505; hay, 526; straw, 19; corn stalks,	
1 heavy tamper	2.00	2; corn, 15; oats, 92; wheat, 11; buck-	
2 canthooks	1.50	wheat, 7; rye, 5; beans, 2; apples, 83;	
1 set leveling pins	1.00	cherries, 2; cabbage, 14; carrots, 4;	
1 hand level	1.00	squash, 1; turnips, 4; poultry, 4; coke,	
5 pole axes	2.50	808; coal, 282; iron, 142; stone, 335;	
6 stone chisels	1.50	autos, 32; paper, 104; rags, 27; sand,	
2 pairs brick tongs	2.50	1; fertilizer, 2; salt, 10; household	
2 pinch bars	1.50	goods, 22; motor cycles, 2; basket ma-	
1 tarpaulin	5.00	chine, 1; wagon, 2; mill outfit, 2; rub-	

ber, 2; tanbark, 24; metal, 1; bones, cattle, 459; sheep, 61; hogs, 928.
10; glass, 1; plumbing goods, 2; wool, Gross receipts for the year, \$763.85.
1; lumber, 1; crates, 1; ice, 1; hides, Respectfully submitted,
4; butter, 1; burlap, 2; potash, 1. H. A. Jobbett,
Total number Head—Horses, 220; Weighmaster.



STATE STREET—LOOKING WEST



FRONT STREET



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ANNUAL REPORTS
of the
City of Traverse City
Michigan



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Year Ending December 31, 1919

ANNUAL REPORTS
of the
City of Traverse City
Michigan



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Year Ending December 31, 1919

City Clerk's Financial Report

To the Mayor and City Commissioners, Traverse City, Michigan:
2368a—Gentlemen: I present the financial statement of the city as prepared by the City Clerk for the year beginning January 1, 1919, and ending December 31st, 1919.

Respectfully submitted,

C. G. Sherwood,
Commissioner of Finance.

CONTINGENT FUND.

Receipts.

Balance in fund January 1st, 1919	\$ 20,063.37
Licenses: Rooming house, \$8.00; billiard halls, \$98.00; trucks, drays, taxi, \$240.50; plumbers, \$30.00; theatre, 75.00; auctioneers, \$10.00; peddlers, \$10.00; shooting gallery, \$1.00; novelties, \$1.00; circus, \$54.00; hawkers, \$13.50; building movers, \$8.00	549.00
Charged back tax.....	12.79
Penalty .....	.51
Over-run, State and County tax	123.30
Over-run City Budget	38.13
Justice Court fines	44.25
Delinquent tax, Co. Treas.	3,764.91
Interest	1,175.09
Fees, General City tax....	596.81
Penalty, General City tax..	44.21
Fees, State and County tax	812.45
Justice Court fees.....	44.625
Interest on deposits.....	48.48
Clerk's fees	51.00
Interest on Liberty bonds.	2,564.79
Light inspections	32.25
Waste paper sold.....	8.19
Balance from Special Improvement funds.....	5,076.06
Refund from G. A. R. convention	7.65
Removing soil	4.00
Refund, clerk hire, water department	600.00
Refund, audit, from other departments	1,118.64
Refund, Liability Insurance	

from other depts.....	858.00
Doors sold	6.00
	<u>\$ 37,599.88</u>

Disbursements.

Office supplies	\$ 216.42
Postage	169.71
Light, city office	152.05
Water, city office.....	9.92
Telephone	36.67
Fuel	159.07
Accrued interest on Liberty Bonds	166.26
Mayor's room	305.40
Laundry	9.84
Janitor and electrical inspector	628.25
Janitor's supplies	91.52
Rent, ½ city office.....	400.00
Repairs to city office building	44.00
Office labor, clerk's asst... ..	1,010.00
Office labor, treasurer's assistant	720.00
Extra labor	272.00
Ward Buildings: Light, lamps, \$21.22; insurance, \$39.14; repairs, \$37.33... ..	97.69
Fire and plate glass insurance	880.50
Liability insurance.....	40.37
Refund of taxes	367.86
Magazine subscriptions....	6.00
Election expense: Notices, \$50.50; elections, \$385.00; ballots and supplies, \$82.29; registration, \$7.70; dray, \$15.50.....	540.99
City attorney's expense trips to Lansing	192.15
Dues, League of Municipalities	15.00
Decoration Day expense...	71.49
Comfort building	204.66
Charged back tax.....	61.09
Costs returned to C. H. Hanslovsky, Justice	13.75
Costs returned to W. H. Pardee, Justice	5.50
Building inspectors	30.00
License tags	3.75
Board of Review	98.46
Dray	6.50
Ice	23.50

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1918

ANNUAL REPORTS

Lamps	13.35
Bonds	251.75
Stationery and printing...	175.40
Miscellaneous expense....	3,215.37
Erroneous assessments,	
1918	61.22
Uncollectable personal tax.	50.94
Tax returned. General City	
budget	6,050.18
	\$ 16,868.70
Balance in fund January 1,	
1920	20,731.18

PRINTING FUND.

Receipts.

Balance in fund January 1,	
1919	\$ 444.14
City tax budget	1,000.00
	\$ 1,444.14

Disbursements.

Proceedings in paper.....	\$ 429.79
Ordinances	12.41
Notices	37.20
Reg'stration	6.30
Budget resolution	62.12
Pamphlet proceedings....	57.60
Annual report and bound	
proceedings	84.90
Roll calls	4.50
Resolutions	5.60
	\$ 700.42

Balance in fund January 1,	
1920	743.72

HEALTH DEPARTMENT.

Receipts.

Balance in fund January 1,	
1919	\$ 456.95
City tax budget	2,500.00
Fees, visiting nurse.....	57.10

\$ 3,014.05

Disbursements.

Health officer	\$ 600.00
Nurse	916.20
Telephone	7.42
Laundry	1.84
Gas	4.55
Ambulance—Laundry, \$28;	
repairs, \$3.20; fumigate,	
\$12.50	15.98
Meat and milk inspector..	399.90
Medicine	84.06
Office supplies	10.56
Miscellaneous expense....	76.09
Quarantine	56.00
Supplies	45.51

Water analysis	114.45
Taxi for nurse	133.30

\$ 2,465.86

Balance in fund, January 1,	
1920	548.19

SALARIES FUND.

Receipts.

Balance in fund January 1,	
1919	\$ 3,633.53
City tax budget	5,100.00

\$ 8,733.53

Disbursements.

Mayor	\$ 300.00
Commissioners	800.00
City clerk	1,800.00
City treasurer	1,800.00
City attorney	600.00
City assessor	800.00

\$ 6,100.00

Balance in fund January 1,	
1920	2,633.53

FIRE DEPARTMENT.

Receipts.

Balance in fund January 1,	
1919	\$ 2,099.17
City tax budget	10,500.00
Hydrant rental	9,275.00
Refund—Coal bill paid	
twice. \$15.22; J. E. Hutch-	
ins, \$3.75	18.97

\$ 21,893.14

Disbursements.

Salaries—Chief and six	
men	\$ 7,721.75
Truck companies	342.00
Liability insurance	228.40
Hydrant rental	9,275.00
Fuel	328.70
Light and lamps	89.41
Water	14.40
Telephone	47.87
Feed and bedding	463.39
Horse shoeing	44.95
Auto repairs and upkeep ..	273.34
Laundry	26.00
Gas	13.54
Miscellaneous supplies ..	110.66
Office supplies	11.85
Repairs to equipment	186.93
Repairs to building	407.37
Damage done to auto.....	44.80
New equipment	160.73

\$ 19,791.09

Balance in fund January 1,	
1920	2,102.05

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POLICE FUND.

Receipts.

Balance in fund January 1, 1919	\$ 1,551.46
Car rental	12.50
City tax budget	4,200.00
	<hr/>
	\$ 5,763.96

Disbursements.

Salaries	\$ 3,497.26
Special	333.50
Fuel	35.00
Light	24.05
Water	8.12
Telephone	119.94
Auto repairs and gasoline.	352.58
Office supplies	8.21
Lamps	9.90
Laundry	20.73
Miscellaneous supplies	57.70
Meals for police	1.30
Livery	4.00
Dray	1.50
Motorcycle	64.60
Repairs to building.....	154.70
Printing	11.75
Convention expense	20.00
Liability insurance	112.80
	<hr/>
	\$ 4,837.64

Balance in fund January 1, 1920	926.32
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INTEREST AND SINKING.

Receipts.

Balance in fund January 1, 1919	\$ 12,787.10
City tax budget	9,100.00
Initial payment of Liberty Bonds returned	2,500.00
Interest on deposits	237.13
	<hr/>
	\$ 24,624.23

Disbursements.

Interest on bridge bonds..\$	270.00
Interest on street inter-section bonds	1,170.00
Interest on park and improvement bonds	225.00
Interest on athletic and recreation bonds	2,500.00
First payment on Liberty bonds	2,500.00
	<hr/>
	\$ 6,665.00
Balance in fund January 1, 1920	17,959.23

LIBRARY FUND.

Receipts.

Balance in fund January 1, 1919	\$ 663.35
Book fines	38.00
County fines	226.96
City tax budget	5,000.00
	<hr/>
	\$5,928.31

Disbursements.

Sixth Street — Librarian, \$740; assts., \$985.00; janitor, \$787.50; light and lamps, \$115.05; water, \$32.29; fuel, \$710.48; liability insurance, \$4.20; insurance, \$227.70; laundry, \$5.00; telephone, \$3.10; books, \$752.22; magazine subs., \$17.70; printing cards, \$17.65; repairs, \$53.60	\$ 4,451.59
Oak Park Branch—Librarian, \$334.00; janitor, \$50.00; repairs, \$4.50; books, \$84.32; fuel, \$20.00	492.82
Association dues, \$5.00; supplies, \$102.20; miscellaneous, \$30.75	137.95

Balance in fund January 1, 1920	845.95
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LIGHT FUND.

Receipts.

Balance in fund January 1, 1919	\$ 4,290.35
City tax budget	6,525.00
	<hr/>
	\$ 10,815.35

Disbursements.

Streets, alleys and bridges.\$	8,049.00
N. Cass St. light	158.47
New lamps	5.65
	<hr/>
	\$ 8,213.12

Balance in fund January 1, 1920	2,602.23
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GENERAL SEWER FUND.

Receipts.

Balance in fund January 1, 1919	\$ 774.99
City tax budget.....	2,500.00
	<hr/>
	\$ 3,274.99

Disbursements.

Miscellaneous supplies....\$	16.02
Repairing and cleaning sewers	400.35

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Manholes	174.25
Dray	1.35
Filling creek	107.21
West side sewer, 6th St. to Cedar St	762.14
Repair culvert	3.25
Liability insurance	9.47

Balance in fund January 1,	
1920	\$ 1,274.04
	2,000.95

BRIDGE FUND.

Receipts.

Balance in fund January 1,	
1919	\$ 325.16
City tax budget	500.00
	\$ 825.16

Disbursements.

Repair bridges	\$ 98.78
Lamp renewals	96.19
Tar surfacing	277.44
Hauling snow on bridges..	15.25
Cleaning	24.00
Resurfacing	99.55
Culverts	42.25

	\$ 653.46
Balance in fund January 1,	
1920	171.70

PARK FUND.

Receipts.

City tax budget	\$ 2,000.00
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Disbursements.

Account overdrawn January 1, 1919	\$ 227.77
Hannah Park: Care of deer, \$41.55; feed for deer, \$77.57; water, \$85.52; light and lamps, \$74.30; labor, \$470.13	749.07
East Bay Park	3.50
Lake Ave. Park: Light and lamps, \$77.10; water, \$18.00	95.10
Union St. Park: Water...	13.52
Monroe St. Park: Water, \$2.70; labor, \$69.02	71.72
Sunset Park: Water, \$6.75; light and lamps, \$68.35; labor, \$398.75	473.85
Miscellaneous expense	206.30
Labor, all parks	184.25
Liability insurance	19.50
Municipal bath house....	1,657.15
	\$ 3,701.73

Overdrawn	1,701.73
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GENERAL STREET FUND.

Receipts.

Balance in fund January 1,	
1919	\$12,140.01
Dog licenses	456.00
Market receipts	472.90
Labor, city horses	1,446.35
Coal sold	391.52
Telephone commission....	1.80
Refund from Cass street curb and gutter, freight on stone	460.71
Burying horse	1.00
Broom sold for street sweeper	34.87
Cement sold	2.90
Drags sold	30.00
Gravel sold	76.26
Tarvia	581.44
Sand	6.50
Labor sold	8.58
West Front street curb and gutter	234.25
Material sold	7.16
Stone sold, West Front St.	177.92
	\$ 37,530.17

Disbursements.

Street commissioner	\$ 1,602.75
Horse hire	120.00
Shoveling and hauling snow	458.38
Snow and gutter plowing ..	415.67
General repairs	4,920.39
Care of dump	616.00
Dog tags	10.75
Field stone purchased	363.31
New tools and machinery..	385.10
Horse shoeing	100.85
Repairs to tools and equip- ment	507.40
Killing and burying dogs..	285.40
City Tool House—	
Feed and bedding	1,150.24
Veterinary and medicine ..	6.08
Repairs	11.68
Light and lamps	18.70
Water	4.52
Telephone	19.50
Deer	5.25
Telephone, Gegner	22.49
Weighing stone	14.10
City Market: Weighmaster, \$720.00; telephone, \$9.38; fuel, \$24.56; light and lamps, \$9.25; water, \$4.52; supplies and re- pairs, \$40.10	807.81

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City Pound: Repairs, tools and supplies	19.70
Gravel pit	517.57
Crushing stone	355.76
Weighing coal	4.30
Cleaning pavement	2,910.43
Water, horse troughs	216.00
Crushed stone	1,043.68
Street sprinkling	3,162.37
Repairs to pavement	42.64
Repairs to walks	391.43
Cutting weeds	247.49
Oil and gasoline	67.21
Miscellaneous expense.....	213.28
West Front St. curb and gutter	311.51
Tarvia	1,427.66
Paving West Front St....	1,906.09
Road to Golf club	81.75
Improving North Cass St..	1,338.79
Cass St. curb and gutter..	219.40
Light, ward halls	1.50
Telephone. Stokes	3.50
Calcium chloride	208.46
Fountain	549.19
Hauling brush	36.62
Building walk for Milliken, N. Cass street	44.13
Building walk for First National Bank	86.88
Storing goods	6.88
Trimming trees	58.80
Running grades	28.00
Graveling Woodmere Ave..	78.50
Coal	19.89
Grading Grant street.....	140.75
Insurance	38.48
Refund, weighmaster	4.70
Liability insurance	139.08
Repairs, 5th ward hall....	229.66
	<hr/>
	\$ 28,078.50

Balance in fund January 1, 1920	9,451.67
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WHARF.

Receipts.

Balance in fund January 1, 1919	\$ 593.11
City tax budget	300.00
	<hr/>
	\$ 893.11

Disbursements.

Pier lighting	\$ 54.00
New lamps	9.14
Repairs65
	<hr/>
	\$ 63.79

Balance in fund January 1, 1920	829.32
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CEMETERY.

Receipts.

Balance in fund January 1, 1919	\$ 2,566.91
Burials	796.00
Care of lots, 1919	1,611.32
Grading and seeding	509.55
Extra grave service.....	216.75
Care of lots, 1918	4.00
Interest on Liberty Bonds, perpetual care	25.07
Hose sold	7.45
Care of lots, 1920	4.00
	<hr/>
	\$ 6,241.05

Disbursements.

Sexton's salary	999.96
Horse feed	180.00
General labor	1,304.24
Telephone	19.50
Water	12.60
Insurance	18.55
Cleaning closet	9.50
Supplies	230.15
Care of lots	871.77
Printing	11.00
Repairs	26.62
Miscellaneous equipment...	21.09
Repairs to house	119.75
Water	350.00
Liability insurance	21.80
	<hr/>
	\$ 4,196.53

Balance in fund January 1, 1920	2,044.52
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CEMETERY EXT. AND IMP. FUND

Receipts.

Balance in fund January 1, 1919	\$ 1,689.55
Lots sold	1,128.53
Single graves	32.00
	<hr/>
	\$ 2,850.08

Disbursements.

Paid for soil	\$ 558.25
Grading new cemetery....	194.25
	<hr/>
	\$ 752.50
Balance in fund January 1, 1920	2,097.58

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CEMETERY, PERPETUAL CARE.

Balance in fund January 1,	
1919	\$ 1,200.00
Received for perpetual care	650.00
Balance in fund January 1,	
1920	\$ 1,850.00

WATER. LIBERTY BOND ACCT.

Receipts.

Balance in fund	\$ 5,000.00
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WATER.

Receipts.

Balance in fund.....	\$ 24,526.17
Schedule water rates	6,314.38
Metered water rates	14,319.07
Installing meters	82.00
Interest on deposits.....	446.98
Taps	305.00
Insurance received from fire	1,000.00
Truck rent	3.00
Interest on Liberty Bonds.	200.00
Hydrant rental	9,275.00
Street sprinkling	335.00
Cemetery	350.00
Refunds	22.48
Coal sold	161.85
Broken hydrant	48.50
Supplies sold	7.50
Labor sold	101.79
Labor in parks	3.00
Water for circus	8.00
Pipe sold	28.63
Old iron sold	33.85
Water, Catholic cemetery.	50.00
	<u>\$ 57,622.20</u>

Disbursements.

Expense	\$ 19,441.75
Bonds paid	6,000.00
Interest on bonds	3,127.50
	<u>\$ 28,569.25</u>

Balance in fund January 1,	
1920	29,052.95

ELECTRIC LIGHT & POWER DEPT.

Receipts.

Balance in fund	\$ 18,457.98
Received from light and power	40,241.59
Interest on Liberty Bonds	200.00
Interest on deposits.....	558.64
Dray .....	.75
Refund overpay	16.57
	<u>\$ 59,475.53</u>

Disbursements.

Expense	\$ 37,480.36
Balance in fund January 1,	
1920	\$ 21,995.17

ELECTRIC LIGHT AND POWER DEPT. LIBERTY BONDS.

Balance in fund January 1,	
1919	\$ 5,000.00

ELECTRIC LIGHT AND POWER DEPT. SINKING FUND.

Balance in fund January 1,	
1919	\$ 1,208.90

CITY OFFICE BUILDING.

Balance in fund January 1,	
1, 1919	\$ 1,000.00

W. SEVENTH ST. IMP. NO. 1.

Balance in fund January 1,	
1919	\$ 719.55

Disbursements.

To Contingent fund, bal. acct.	\$ 719.55
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EAST FRONT ST. CURB AND GUTTER.

Balance in fund January 1,	
1919	\$ 980.56

Disbursements.

To contingent fund, bal. acct.	1,351.48
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ELMWOOD AVE. AND THIRD ST. SEWER.

Balance in fund, January 1,	
1919	\$ 238.99
Re-assessed tax	75.52

\$ 314.51

Disbursements.

To Contingent fund, bal. acct.	\$ 314.51
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JEFFERSON TO SECOND STREET SEWER.

Balance in fund January 1,	
1919	\$ 31.58
Re-assessed tax	5.65
Delinquent tax, Co. Treas..	5.96

\$ 43.19

Disbursements.

To Contingent fund, bal. acct.	\$ 43.19
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13TH TO 16TH ST. SEWER.

Balance in fund January 1,	
1919	\$ 398.17

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Re-assessed tax	61.22	Gen. City tax..	8,457.96
Delinquent tax, Co. Treas.	12.60	Liberty Bond	
		Acct.	82,684.00
	\$ 471.99	Cash	61,165.65
Disbursements.			
To Contingent fund, bal.			\$154,009.34
acct.	\$ 471.99		\$154,009.34
CASS ST. CURB AND GUTTER.			
Balance in fund January 1,		BONDS OUTSTANDING.	
1919	\$ 997.27	Rate of Int.	
Re-assessed tax	114.23	Elec. Light Bonds....4¼	\$125,000.00
		Due June 1, 1932.	
	\$ 1,111.50	Water Works Ext....4	11,000.00
Disbursements.			
To Contingent fund, bal.		Due Nov. 1, 1930.	
acct.	\$ 1,111.50	Due June 1, 1928...4½	6,000.00
E. 10TH CT. CURB AND GUTTER.			
Balance in fund January 1,		Due July 1, 1924...4½	20,000.00
1919	\$ 80.56	Due April 1, 1929...4¼	15,000.00
Re-assessed tax	73.54	Water Works Pump	
Delinquent tax, Co. Treas.	9.74	Due April 1, 1929...4¼	20,000.00
	\$ 1,063.84	Paving Intersections	
Disbursements.			
To Contingent fund, bal.		Due June 1, 1928...4½	20,000.00
acct.	\$ 1,603.84	Due June 1, 1929...4½	6,000.00
STATE AND COUNTY TAX.			
State tax	\$ 9,029.68	Bridge	
County tax	9,029.68	Due Aug. 1, 1928...4½	6,000.00
County road	5,154.82	Park and Improvement	
Disbursements.			
To Contingent fund, bal.		Due July 1, 1932...4½	5,000.00
acct.	\$ 1,603.84	Recreation and Athletic	
STATE AND COUNTY TAX.			
State tax	\$ 9,029.68	Due July 1, 1936...5	50,000.00
County tax	9,029.68	Total Bonds	\$284,000.00
County road	5,154.82	INVENTORY OF CITY OFFICE	
BUILDING.			
Jan. 1, 1920.			
Amount collected to Janu-		City ownership in building,	
ary 1, 1920	\$ 23,214.18	half interest	\$ 4,000.00
BALANCES IN FUND DECEMBER			
31, 1919.			
Contingent	\$ 20,731.18	Treasurer's Office.	
Printing	743.72	2 roll top desks	30.00
Health	548.19	4 high desks	75.00
Salaries	2,633.53	2 flat top desks	50.00
Fire Dept.	2,102.05	Sectional cabinets	275.00
Interest and Sinking	17,959.23	3 swing chairs	15.00
Library	845.95	2 small swing chairs	6.00
Light	2,602.23	1 high desk chair	3.00
General sewer	2,000.95	5 oak chairs	25.00
Bridge	171.70	1 wardrobe	5.00
General street	9,451.67	1 table	3.00
Wharf	829.32	1 typewriter desk	10.00
Cemetery	2,044.52	2 typewriters (\$100 and	
Cemetery Exftl and Imp...	2,097.58	\$50)	150.00
Cemetery, perpetual care..	1,850.00	1 adding machine	300.00
Water, Liberty bonds....	5,000.00	1 addressing and billing	
Water	29,052.95	machine	275.00
E. L. & P., Liberty Bonds	5,000.00	1 water cooler	3.00
E. L. & P.	21,995.17	1 letter press	3.00
E. L. & P., Int. and Sinking	1,208.90	2 document files	25.00
City office building.....	1,000.00	1 sectional bookcase	25.00
State and County tax.....	23,214.18	2 safe cabinets	250.00
Park	\$ 1,701.73	1 paper baler	12.00
		Vault equipment	100.00

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Election outfits	200.00
Clocks	5.00
	<hr/>
	\$ 1,845.00

Commission Room.

1 table	\$ 12.00
6 desks	30.00
17 swing chairs	35.00
1 mayor's chair	50.00
10 high back chairs	10.00
25 folding chairs	5.00
1 large table	3.00
	<hr/>
	\$ 100.00

Assessor's Office.

1 large desk	\$ 40.00
1 swing chair	5.00
2 oak chairs	10.00
2 oak chairs	10.00
1 desk lamp	2.00
1 small desk	5.00
1 card filing case	10.00
	<hr/>
	\$ 72.00

Engineer's Office.

1 roll top desk	\$ 15.00
2 section filing cabinets ..	10.00
2 section Macy book case .	12.00
1 filing cabinet	20.00
1 filing cabinet	10.00
1 book rack	1.00
1 drawing table	10.00
2 drawing boards and	
horses	10.00
1 map case	10.00
1 chair	3.00
1 blue print frame	5.00
1 blue print tray	2.00
1 Fairbanks testing scales.	75.00
1 buff and buff transit	250.00
1 Gurley eye level	50.00
1 range pole	2.00
1 range pole	5.00
1 pocket leveling rod	1.00
1 100 foot steel tape	1.00
1 100 foot steel tape	5.00
Miscellaneous tools and	
equipment	15.00
	<hr/>
	\$ 512.00

Department of Health and Welfare

To the Mayor and City Commission:
2368b—Gentlemen: During the year 1919, our Commissioner of Health and Welfare has had to deal with many perplexing problems in the health department. The need of better methods to care for the sewage of the city at this time are paramount and it is my opinion if something is not done soon, the Federal Government will take the necessary steps to compel the city to take care of the 5,000 tons of liquid and solid excrements going into the water supply each year. It might be of interest to note that the dried substance of this quantity of sewage amounts to about 350 tons. If this Commission were to propose the discharge of 5,000 tons of garbage into the water supply of Traverse City, every intelligent citizen would undoubtedly object.

The fact, however, that most of our citizens have thus far been unable to see any objection to discharging 5,000 tons of human excrement per year into the water supply, this to me is difficult to understand—how any citizen should think for a moment of taking any chances of drinking the excrements of insane patients.

There is moreover another consideration. Traverse City already has some reputation as a resort city and with proper sanitary works may be expected to increase considerably from this source alone. This Commission should remember however, that all the world over people are becoming more alive to the importance of safe sanitary surroundings and a common enough question to be asked now a days is—Where does the sewage go and where does the water supply come from?

I regret to state that this department is also woefully lacking for means to care for the garbage and refuse of the city and I again ask this Commission for the good of Traverse City to provide better facilities for destroying this menace to the health of our community.

The Electric Light and Power Dept.

In the past year this department has been called upon to make many necessary and extensive repairs to the city power house transmission lines, which was fully reported in my communication to the Commission November 17, 1919. The department has made rapid strides towards better service and has also made substantial gains in the sale of current. Owing to the exceptionally heavy operating expenses and to have enough revenue left to set aside the amount agreed upon yearly with the bond holders, it was necessary to raise our rates for lighting and power. However, I believe there should be an adjustment made of the power rates as it is my opinion that they are not equitable as they now stand. I would recommend a sliding scale similar to the scale now in force in lighting.

I submit here with the report of William Love, Superintendent of The Electric Light and Power Dept., for the fiscal year 1919 together with the financial statement.

Respectfully submitted,

C. S. Longnecker,
Commissioner of Public Health and Welfare.

January 31, 1920.

Mr. Charles S. Longnecker, Commissioner of Health and Welfare:

Dear Sir: In submitting my report of the Electric Light & Power Department for the year ending December 31, 1919, I wish to call your attention to the profits for the year.

While this appears small as compared with the profits shown on some of the reports which have been submitted in past years, it is so from the fact that we have been called upon to make repairs this year, which should have been taken care of in previous years.

These repairs were many and very much needed, and were called to my attention when I took charge of the

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plant in February of the year just ended.

We have had men and teams at work at the dam, grading, widening and filling in the embankments; pulling stumps, logs and other refuse out of the pond; underbrushing and giving the grounds a general clean up, and burning the accumulation of rubbish.

We put new plank flooring over the headgates, built a new fish ladder, as ordered by the State Game Warden; rebuilt one generator and put twenty new coils in the other; re-built and re-enforced the rack in front of the east penstock; installed a new set of modern lightning arresters in the power house, and another set on the line near the power house.

Another set of lightning arresters was installed in the sub-station, and twenty-seven smaller arresters were put up in different parts of the city. We have another set purchased which came too late to be installed this year, but will be put up in the spring.

The high tension line was re-insulated, from the power house to the city, as the leakage from this line was very bad in wet weather.

Our distribution wires around the city were in very bad condition, and dangerous to human life.

In many places the high tension and the low tension wires were very close together, and in some instances came in contact with each other.

In fact, the condition of the plant at the beginning of the year was very bad, as it had not been kept in the condition it should have been.

Consequently it has called for the expenditure of a large sum of money this year, and it will take quite a little more before everything is in good shape.

If the money which we had to spend this year, could have been distributed over the past eight years, instead of all coming out of this year's earnings, we should have been able to make a better showing. As it is, after spending about \$9,000.00 for repairs, we still show a profit of over \$6,000.00 for the year 1919.

Attached hereto, are the items and

amounts which were spent for repairs and replacements.

Yours very truly,

William Love,

Superintendent.

Expenses for year 1919, which were mentioned in report:

Generator	\$ 1,968.90
Repairs at dam	1,043.90
Grid	480.15
Insulating line	470.09
Audit	559.32
Fish ladder	816.90
Lightning arresters at plant	225.00
Lightning arresters on line,	181.20
Expense on pole line	2,301.27
Street lights	59.10
Transformers	549.18
	\$ 8,655.01

On account of advanced wages, our pay rolls for the last six months of the year, were \$2,411.81 greater than for the corresponding period of the previous year.

Assets.

Cash on hand	\$ 21,829.07
Accounts receivable	9,559.66
Inventories: Store	4,708.62
Lamps	1,736.45
Insurance	23.54
Poles	639.21
Liability insurance	208.63
Plant	175,090.95
Buildings	3,098.17
Dynamos and switch board	12,723.07
Water wheel	8,951.24
Dam and flumes	37,634.54
Pole line	14,649.83
Arc lights	8,984.74
Transformers	11,989.43
Meters	8,218.43
Tools	188.72
Sub station	8,618.82
Office furniture and fixtures	630.50
Distribution lines	34,396.16
Land	22,690.40
Office building	1,500.00
Fish ladder	816.90
Sinking fund	1,375.00
Liberty Bonds	5,000.00
Automobile	485.63
Truck	696.75
Old arc lamps	630.00
	\$221,983.51

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Liabilities.		Power	4,872.27
Bonds	\$125,000.00		
Interest, (1 month due) ...	442.75		\$ 31,320.54
Accounts payable	397.33	Expense: Station	\$ 6,795.84
Deposits for current	296.00	Outside	5,300.81
		General	14,935.43
	\$126,136.08		
			\$ 27,032.08
Expense 1919.		Profit	\$ 4,288.46
Station—		Wiring.	
Labor	\$ 2,613.25	Labor	\$ 2,126.54
Grounds	262.27	Material	6,183.66
Dynamos and switch boards	2,213.95	Total expense	\$ 8,310.20
Water wheels	27.58	Receipts	\$ 8,592.03
Dam and flumes	1,043.90	Expense	8,310.20
Tools	61.64		
Oil and waste	14.05	Profit	\$ 281.83
Sub station	29.90		
Miscellaneous	49.15	Store.	
Repair grid	480.15	Inventory Dec. 31, 1919...	\$ 5,767.84
	\$ 6,795.84	Goods purchased	6,763.30
Outside—		Total	\$ 12,531.14
Insulating	\$ 470.09	Sales, 1919	7,822.52
Pole line	2,301.27		
Street lights	724.64	On hand Dec. 31, 1919 ...	\$ 4,708.62
Incandescent	32.26	Lamps.	
Meters	214.16	Inventory Dec. 31, 1919 ..	\$ 1,738.77
Transformers	45.92	Lamps bought	3,381.29
Renewals	21.20		
Shop	161.46	Total	\$ 5,120.06
Reading meters	332.47	Sales, 1919	3,383.61
Trouble	997.34	On hand Dec. 31, 1919 ...	\$ 1,736.45
	\$ 5,300.81	Store and Lamps.	
General—		Income	\$ 11,322.63
Office	\$ 1,080.00	Expense	9,563.41
Supplies	155.27		
Interest	5,312.52	Profit	\$ 1,759.22
Insurance	27.32	Profit and Loss.	
Taxes	441.99		Dr.
Soliciting business	124.41	Breakage lamps ..	\$ 100.00
Superintendence	1,845.38	Losses in store	496.97
Depreciation	4,131.96	Audit	559.32
Office expense	153.45	Loss on metered current ..	18.12
Liability insurance	114.52	Old accounts charged off..	183.36
Donations	34.49	Loss on meter installation,	2.35
Lights	152.07		
Ford car	463.05		\$ 1,360.12
Janitor	390.00		Cr.
Truck	509.00	Old accounts paid in	\$ 16..75
	\$ 14,935.43	Sale of junk	58.96
		Pole rental	53.80
Income.		Purchase of car	70.80
Current.		Rent of land	75.00
Current Sold: Metered ...	\$ 17,469.16	Interest on deposits	564.89
Schedule	8,979.11	Interest on Liberty Bonds.	200.00
		Wiring profit	281.83
		Pipe thawing profit	1.79

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Current profit	4,288.46
Store profit	1,759.22

Perpetual care, \$650.00.

Respectfully,

Clifford Gabriel,
Sexton.

Net profit 1919	\$ 7,371.50
	\$ 6,011.38

\$ 7,371.50

Inventory. Plant.

Inventory 12-13-18	\$175,058.72
Less depreciation	3,771.96

\$171,286.76

Improvements	\$ 3,804.19
Meters	558.77
Distance lines	1,371.04
Pole line	179.20
Dynamos and S. B.	45.00
Transformers	549.13
Street lights	59.10
Lightning arresters	225.00
Fish ladder	816.90

... \$175,090.95

Bonds Outstanding Dec. 31, 1919.

No. 1-90 and 115-150; rate 4½ per cent; amount, \$10,000.00; total, \$125,000.00. Due June 1, 1932.

Jan. 1, 1920.

To C. S. Longnecker, Commissioner of Public Health and Welfare:

2368c—Dear Sir: I am pleased to submit the following report covering operations at the cemetery for the year 1919, together with an inventory of all tools and equipment for same.

The cemetery has been well cared for during the past year, and each year a larger number are having their lots taken care of, which adds greatly to the general appearance of the grounds.

Permanent improvements have been made as follows:

Set out forty-five shade trees.

Graded ten blocks in new cemetery.

Graded twenty-two single lots.

Raised all the sod we used for sodding.

Graded county lot.

Graves dug one hundred seventy-two.

Received for lots cared for \$1,611.32

Lots sold, \$1,160.00.

Inventory of Cemetery Equipment, January 1, 1920.

750 feet of 5/8 inch hose ..	\$ 90.00
5,000 feet 3/4 inch hose	300.00
6 cycles	3.00
1 crowbar	1.00
5 grave linings	2.50
1 canvas, 1 dirt cover	12.00
110 sprays	15.00
2 lawn mowers	6.00
3 axes	3.00
4 steel rakes	2.00
3 lawn rakes	1.00
4 shovels	2.50
2 spades	1.00
2 pair pruning shears	2.00
2 pipe wrenches	2.00
4 scythes	4.00
15 iron benches	20.00
20 wooden benches	20.00
1 wagon	10.00
3 ladders	6.00
1 set of sleighs	10.00
1 sod cutter .....	.75
1 dock spud .....	.50
1 level	1.50
1 hammer .....	.75
1 chain	1.50
5 large size grave curbing, ..	10.00
5 small size grave curbing, ..	7.00
3 saws	3.00
1 tool grinder	17.00
1 grind stone	6.00
1 plane	1.00
1 square	1.00
Furniture	20.00
House and lot, barns, tool sheds, etc	2,000.00
Crosscut saw	5.50

Total\$ 2,588.50

Trustee's Report.

To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan:

2368d—Gentlemen: The Board of Trustees of the Public Library of the City of Traverse City have the honor to present their sixteenth annual report.

In the librarian's report which is appended all points of interest per-

taining to the library have been covered, so perhaps just a few comments concerning the work of the library will be necessary.

The privileges of our city library are enjoyed by a large number of our residents and we wish to emphasize the great amount of good which the library accomplishes in the city towards the cultural and educational benefit of its inhabitants, both old and young.

In view of the large call for reading material by the public, we were sorry not to be able to purchase as many new books as the occasion demanded. But with the increased price of books and the small book fund allowed us, we were not able to satisfy the public along this line.

In August, through the recommendation of your Honorably Body, the board raised the salary of the librarian, assistant librarian and janitor ten dollars each. Five dollars was added to the salary of the second assistant and also to that of the librarian at Oak Park. This increase in salaries has added somewhat to our working expenses but the board feels it was the right step to take.

The library will continue to work in co-operation with our schools, and all uplifting organizations of the city.

We wish to thank the Mayor and City Commission for their interest in the work of the library, and commend the same for a continuance of their interest.

Respectfully submitted,

Lee Hornsby, Chairman.

Leon F. Titus.

Elsie C. Thirlby, Sec'y.

Librarian's Report.

To the Board of Library Trustees:

I have the pleasure of presenting to you the sixteenth annual report of the Traverse City Public Library for the year January 1st, to December 31st, 1919.

Circulation.

The serious influenza situation of last winter made quite a difference in the patronage of the library, although the library was only closed three weeks in January many of the patrons were afraid to draw books

while the flu prevailed in the city. Hence only 40,771 books were issued while 46,466 were issued in 1918.

Library War Service.

The first of the year the A. L. A. sent out a call for books for the army hospitals. 259 books that had been donated to the cause were prepared and shipped to New York for distribution.

Again in the spring we advertised for books to be sent to the boys "over there" but there was so little response to this call that we were unable to help the A. L. A. in this drive.

Reference Work.

The library has had continual demands upon it for reference work. Because of the high price of books and our limited funds we have only purchased two or three books to help in this department. Granger's revised index to poetry and recitations was the most important addition. A clipping file has been started to help along in this work. 9,684 have visited the reading-rooms.

Books.

During the year 297 new books were added to the main library and 77 to the Oak Park Branch Library. The books on the Great War still prove to be of interest to many of our patrons.

Work With The Children.

8,554 children's books were issued this year at the main library and 5,408 from the Oak Park Branch Library.

The first six months of the year we sent 100 children's books to the Boardman and Elmwood School libraries; changing them several times during the term. 669 books were issued from the Boardman School and 392 from Elmwood. Again in September we sent 100 books to the Boardman school. 538 books were issued during the four months just past. Total number of juvenile books issued in the city during 1910-20, 561.

Branch Library.

The patronage, at our branch library in Oak Park, continues to increase and during the year 6,685 adult books and 5,408 juvenile books were issued making a total of 12,093.

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4,251 visited the reading-room.

This winter the City Commission made some very necessary improvements to the building so at present the library is housed quite comfortably.

Conventions.

In September the librarian attended the meeting of the Michigan State Library Association at Macatawa Park.

Staff.

The last of June Miss Mary Moffatt and Miss Edna LaFranier, assistants, left to take the Summer Library course at Ann Arbor. The first of July Miss Evelyn Hammond, assistant librarian, was granted a three months' leave of absence as she was planning a trip to the western coast.

Miss Helen Wade, who has done substitute work for the library, was appointed to take Miss Hammond's position and Miss Martha Garbe took Miss Moffatt's position. Mrs. Lee Hornsby accepted the librarianship of the Oak Park branch library.

On completing the course at Ann Arbor, Miss Moffatt accepted a position in the Normal Library at Ypsilanti and Miss LaFranier was appointed to a position in the main library.

Auditorium Room.

As in former years our auditorium room has been one of the popular meeting places of the city. The Woman's Club, City Federation of Clubs, the Ministerial Association, the High School Girls' Club, two High School debating societies, the Camp Fire Girls, and the Delphian society have been regular users of the room.

Gifts.

34 books, several magazines and numerous leaflets and pamphlets have been the gifts to the library the past year.

We are indebted to the Herald and Record Company for a daily copy of the Record-Eagle. Also for their kindness in printing lists of new books.

The enthusiasm and interest shown in the library by its patrons, and the loyal support which the library has received from the Board of Trustees and members of the staff gives strong

evidence of an increased interest in the library for the ensuing year.

In closing I again wish to thank the Board of Library Trustees for their cordial co-operation and my assistants for their loyal support in the library.

Respectfully submitted,
Alice M. Wait,
Librarian.

Statistical Report.

Number of books issued by classes:

Main Library—Fiction, 14,995; philosophy, 123; religion, 64; sociology, 164; philology, 4; natural science, 98; useful arts, 296; fine arts, 445; literature, 452; history, 566; travel, 227; biography, 118; general works, 973.

Total, 18,525.

Oak Park Branch—Fiction, 5,239; philosophy, 5; religion, 3; sociology, 2; philology, 1; natural science, 8; useful arts, 60; fine arts, 19; literature, 44; history, 117; travel, 64; biography, 17; general works, 1,106.

Total, 6,685.

Total number of adult books issued—25,210.

Number of Juvenile books issued by classes:

Main Library—Juvenile fiction, 6,711; philosophy, 1; religion, 36; sociology, 744; natural science, 134; useful arts, 99; fine arts, 93; literature, 225; history, 104; travel, 91; biography, 102; general works, 214.

Total, 8,554.

Oak Park Branch—Juvenile fiction, 4,208; religion, 20; sociology, 382; natural science, 111; useful arts, 30; fine arts, 31; literature, 114; history, 93; travel, 32; biography, 41; general works, 346.

Total, 5,408.

Total number of juvenile books issued—13,962.

Total number of adult and juvenile books issued—39,172.

Boardman School Library—1,207.

Elmwood School Library—392.

Total number of books issued—40,771.

Number of volumes in the Library by classes:

Main Library—Fiction, 3,375; philosophy, 134; religion, 233; sociology,

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419; philology, 46; natural science, 310; useful arts, 362; fine arts, 241; literature, 898; history, 855; travel, 385; biography, 375; general works, 1,381; Michigan documents, 497; Michigan pamphlets, 831; U. S. documents, 595; U. S. pamphlets, 3,137; geologic atlases, 232; art collections, 4; stereoscope travels, 6.

Total, 14,316.

Oak Park Branch—Fiction, 768; philosophy, 9; religion, 22; sociology, 17; philology, 9; natural science, 21; useful arts, 27; fine arts, 4; literature, 88; history, 121; travel, 66; biography, 38; general works, 105.

Total, 1,295.

Total number of adult books in the two libraries—15,611.

Number of Juvenile books in the Library by Classes:

Main Library—Juvenile fiction, 1,513; religion, 32; sociology, 109; natural science, 76; useful arts, 40; fine arts, 35; literature, 67; history, 61; travel, 63; biography, 67; general works, 93.

Total, 2,156.

Oak Park Branch—Juvenile fiction, 646; philosophy, 4; religion, 8; sociology, 54; natural science, 46; useful arts, 11; fine arts, 9; literature, 33; history, 11; travel, 38; biography, 20; general works, 30.

Total, 910.

Total number of juvenile books in the two libraries—3,066.

Total number of books in the Main and Oak Park Branch Library—18,677.

Number of adult books added this year by classes:

Main Library—Fiction, 123; philosophy, 7; religion, 14; sociology, 15; natural science, 3; useful arts, 17; fine arts, 3; literature, 28; history, 32; travel, 4; biography, 1; general works, 6.

Total, 253.

Oak Park Branch—Fiction, 44; literature, 2; history, 2.

Total, 48.

Total number of adult books added—301.

Number of juvenile books added this year by classes:

Main Library—Juvenile fiction, 29; religion, 1; sociology, 3; philology,

3; literature, 4; history, 3; biography, 1.

Total, 44.

Oak Park Branch—Juvenile fiction, 27; sociology, 2.

Total, 29.

Total number of juvenile books—73.

Total number of books purchased—374.

Number of persons visiting the Reading Rooms:

Main Library—Men, 1,934; women, 1,314; children, 6,436.

Total, 9,684.

Oak Park Branch—Men, 317; women, 417; children, 3,517.

Total, 4,251.

Total number in the reading rooms—13,935.

Main Library—Number of books worn out, 53; number of books lost, 40.

Oak Park Branch—Number of books worn out, 4; number of books lost, 16.

Total number of books lost and worn out—113.

Main Library—Number of books rebound, 1,200; number of magazines bound, 163; magazines purchased, 74; magazines donated, 6; newspapers purchased, 3; newspapers donated, 1.

Total, 84.

Oak Park branch—Number of magazines bound, 12; magazines purchased, 18.

Rental Collection.

Number of books in the rental, January 1, 1919, 24.

Number of new books added during the year, 22.

Total number of books in the rental during the year, 46.

Number of books withdrawn from the rental during the year, 20.

Number of books lost from the rental during the year, 4.

Number of books in the rental January 1, 1920, 22.

Amount of money spent during the year for new books for rental, \$28.91.

List of Donors.

American Jewish Committee.
Association.

American Walnut Manufacturers' Association.

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Armour & Company.
 Bankers Trust Company.
 Beadle, John.
 Carnegie Endowment for International Peace.
 China Society of America.
 Columbia University.
 Deborah Cook Sayles Public Library.
 Dennison Manufacturing Company.
 Detroit News Company.
 Franco-American Magazine.
 Guaranty Trust Company.
 Hamilton, Mrs. Frank.
 Hector, Mrs. Josephine.
 Illinois Industrial Survey.
 Insurance Company of North America.
 Irish National Bureau.
 Job Winslow Chapter, D. A. R.
 Kahn, Otto H.
 Kip, Frederic E.
 League to Enforce Peace.
 Lithuanian National Council.
 Lovett, Robert.
 Manufacturers Aircraft Association.
 Maple Flooring Manufacturers' Association.
 Maryland State College.
 Mexican Review.
 Michigan Agriculture College.
 Michigan Public Domain Commission.
 • Michigan State Board of Agriculture.
 Michigan State Constabulary Association.
 Michigan State Food and Drug Department.
 Michigan State Geological Survey.
 National Catholic War Council.
 National Committee on Prisons.
 National Security League.
 National War Garden Commission.
 Perkins, G. W.
 Philadelphia Rapid Transit Co.
 Portland Cement Association.
 Public Library, Salt Lake City.
 Public Ownership League of America.
 Publisher's Advisory Board.
 Reuben H. Donnelley Corporation.
 Russian Information Bureau.
 Sacramento Bee.
 Southern Pine Association.
 Studebaker Company.
 Swift & Company.

Union League Club, War Committee.
 U. S. Council of National Defense.
 U. S. Department of Commerce.
 U. S. Department of Labor.
 U. S. Department of the Interior.
 U. S. Government Printing Office.
 U. S. Library of Congress.
 U. S. National Museum.
 U. S. Rubber Company.
 U. S. Senate Commerce Committee.
 U. S. Shipping Board Emergency Fleet Corporation.
 U. S. War Department.
 Vermont State Commissioner of Agriculture.
 World Peace Foundation.

Traverse City, Mich.,

Jan. 19, 1920.

O. C. Moffatt, Clerk, City of Traverse City:

2368e—Dear Sir: I hand you herewith my report as health officer for the year ending December 31, 1919. On account of the increased number of residences connected to sewer the complaints from outdoor closets has diminished only six having been made to me during the year ended.

I would recommend some system of sewage disposal for parts of the Second ward now inadequately served.

The report of contagious diseases is appended. All of which is respectfully submitted.

F. Holdsworth,
Health Officer.

Diseases, cases reported—Diphtheria, 4; gonorrhea, 4; influenza, 95; measles, 30; pneumonia (all forms), 5; scarlet fever, 1; smallpox, 9; syphilis, 2; tuberculosis (pulmonary), 3; tuberculosis (all forms), not pulmonary, 8; typhoid fever, 8. Total, 169.

2368f—Annual Report of Visiting Nurse for the year of 1919:

1. Number of patients nursed in year, 147; Grand Traverse county cases, 4; Bureau of Associated Charities cases, 69; pay cases, 66; tuberculosis, 8.

2. Total of visits made, 477; for Grand Traverse county, 10; for Bureau of Associated Charities, 180;

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for pay cases, 258; for tuberculosis cases, 29.

3. Disposition of cases—Died, 9; dismissed improved, 64; to family, 62; to other care, 2; dismissed unimproved, 17; to family, 2; to others, 6; to hospital, 9.

5. Uumber under care at beginning of year, 3.

5. Number under care at end of year, 3.

5. Number under care at beginning of new cases, 5; number of visits made, 15; improvement noted in, 2; charity work done(calls made, 98.

7. —Special work—Juvenile court calls, 4; police matron investigations, 40; business calls, 223; office calls, 146. Total number of calls during year, 1,486.

Receipts: County cases, amount collected, \$5.00; pay cases, amount due, \$54.25; amount collected, \$52.10. Total, amount due, \$54.25; amount collected, \$57.10.

Remarks—Calls at schools, 7! children examined, 16; requesting work done, 13; requests for work, 8; work supplied for, 7; one small child found on street and taken to police headquarters.

Donations—1 washing machine, several pieces of clothing and some shoes.

Distributed to those in need—1 washing machine, clothing and shoes.

Signed: Edna O. Kellogg,
Visiting Nurse.

Annual Report, 1919, Social Service Dept., State Board of Health.

Total examined, 25.

Total locals examined, 18.

Total non-locals examined, 7.

Total positive, 7, (g-5) (s-2).

Total having taken hospital treatments, 4.

Total having taken office treatments, 2.

Juvenile, ((no action taken), 1.

Total having been under my supervision, 7.

Locals, 4.

Non-locals, 3

Total at present under my supervision, 4.

Locals, 3.

Non-locals, 1.

Total employed, 4.

Signed: Edna O. Kellogg,
Visiting Nurse.
January 31, 1920.

City Attorney's Annual Report

To the Honorable, the Mayor and City Commission:

2368g—Gentlemen: I beg leave to submit the following brief statement in the way of a report for the year 1919:

During the year there has been very little occasion for prosecution under city ordinances. Numerous complaints have come in by telephone and personal interview in the office, and it has been my endeavor so far as possible to reach the parties concerned in each case and see that the ordinances are obeyed, and in nearly every instance this has been accomplished. A large part of the work along this line grows out of personal differences between residents of the city and usually when investigated present no serious legal difficulties. I think there has been but one jury trial for liability under a city ordinance during the year and that was decided in favor of the city.

There has been wanting this year the usual supply of disorderly cases, which is no doubt due to the fact that liquor is not publicly sold, and it goes without saying that when the justices of peace report no business done in their courts there is not much criminal litigation for the city attorney to handle, and the reports of these officers show very clearly this situation.

Some of the main items handled during the year have been the hearings had in Lansing upon telephone rates and later upon rates for the

use of electricity. The telephone matters are not entirely settled, and proceedings are now under way which will shortly determine the questions of rates and services definitely. Upon the matter of the fixing of rates for use of electricity, my report is already on file in regard to that matter and the rates now in force are such as seem to be best in the judgment of the commissioner having charge of the electric light plant. These rates, however, are subject to review at any time before the Michigan Public Utilities Commission and may possibly require further attention in the near future.

There are two items that seem to me of considerable importance that should be taken care of at an early date.

First. Suitable amendments to the charter relative to franchises and the fixing of local rates for public utilities; also making more workable and somewhat briefer the proceedings for special assessment so that public improvements may be made more promptly.

Second. The compiling of city ordinances now in force; the discarding and repeal of those not consistent with the charter or not now necessary under the charter and the preparing of an index of the same when compiled.

Respectfully submitted,

P. C. Gilbert,
City Attorney.

Department of Public Works and Property

To the Mayor and Commissioners,
Traverse City, Michigan:

2368h—Gentlemen: I hereby make a report of the work done in my department during the year, 1919.

An ordinance was passed relative to trimming shade and ornamental trees. The work was completed during the summer.

Week ending May 1st was designated as Clean-up Week. The rubbish was hauled away at an expense of \$635.00.

A block of cement curb and gutter was put in on West Front street commencing at Division street running west and permanent tarvia road was also built on same block. A cement pavement was built on Cass street between Front Street and the river, also a fountain was erected at an expense of about \$500.00.

A road used by public on golf grounds was improved by cinders being hauled and spread over same.

South end of Woodmere avenue was graded and graveled to the refrigerator factory. The South Union street and East Eighth street bridges were resurfaced with tarvia.

Besides the regular work on parks a bath house was erected on Sunset Park at an expense around \$1,700.

The Fifth Ward hall was repaired by building a new chimney and raising the roof as requested by the Board of Library Trustees.

A sanitary sewer was constructed on Sixth street running from Asylum creek west about two blocks to alley between Cedar and Spruce and north one-half block on said alley.

Respectfully submitted,

W. T. Roxburgh.

Inventory General Street Property,
January 1, 1920:

East Bay Park	\$ 1,500.00
Land corner Cass and Washington streets	1,000.00
Lake Avenue park	2,000.00
Bay street tool house and lot	1,200.00

Gravel pit, (20) acres	1,000.00
Third Precinct building and lot	3,000.00
Second Precinct building and lot	2,500.00
Fifth Precinct building and lot	1,000.00
Market site, including tool house and weigh office .	16,000.00
Hannah park	4,000.00
Sunset park	7,500.00
Peninsula street park	4,000.00
Bay street park	3,500.00
Dumping grounds	500.00
6 sprinklers	1,200.00
1 steam power mixer	200.00
1 steam roller	2,000.00
1 steam engine	700.00
1 steam grader	125.00
1 truck wagon	35.00
2 dump wagons	150.00
9 snow plows	55.00
1 trench pump and hose ..	40.00
60 trench jacks	90.00
18 sidewalk frames	36.00
Paving bricks	75.00
2 crow bars	2.00
6 picks	4.00
8 lanterns	4.00
10 hoes	3.00
20 pavement scrapers	30.00
2 hand saws	3.00
2 snow scrapers	8.00
2 mattocks	1.20
1 cross saw	1.00
4 hammers	2.00
1 sewer rod	10.00
1 oil distributor	400.00
62 barrels tarvia	500.00
4 trestles	3.00
1 tre-tle	3.00
6 trestles for barricades ..	1.80
2 scrapers	6.00
1 scraper chain	4.50
2 blocks and tackle	12.00
6 concrete tampers	6.00
1 vise	4.00
2 axes	1.50
1 pump and pipe	6.00
5 sledges	3.00
1 adze	1.00
7 hydrant wrenches	1.75
1 heavy wagon	50.00
1 road grader	125.00

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2 levels	1.50	1 heating stove	15.00
2 hand screens	3.00	1 flusher	500.00
3 pails	1.50	1 expansioner	10.00
2 sets sidewalk finishing tools	2.00	2 pair rubber boots	5.00
2 squares .....	.80	1 pile driver	400.00
1 mixing box	1.00	104 feet 15-inch tile	62.40
1100 feet ¾-inch pipe	40.00	20 feet 6-inch tile	3.00
2 pipe wrenches	2.00	20 feet 8-inch tile	4.80
1 brick trowel .....	.50	38 feet 10-inch tile	13.30
1 hose repair outfit .....	.50	1 scarifier	415.00
1 monkey wrench .....	.40	Total	\$ 58,266.50
1 leveling scraper	2.00	To the Honorable Mayor and City Commission, Traverse City, Mich.	
2 slush boxes	4.00		
1 leveling block	1.00	Gentlemen: The annual report of the city weighmaster is herewith submitted for the year, 1919:	
1 heavy tamper	2.00		
2 cant hooks	1.50	Number heads of stock weighed—Cattle, 528; hogs, 404; sheep, 214; horses, 182; dressed hogs, 32.	
1 set leveling pins	1.00		
1 hand level	1.00	Vegetables—Potatoes, 1,384 loads; rutabages, 8 loads; squash, 6 loads; cabbage, 4 loads; apples, 187 loads; apple pomies, 2 loads.	
5 pole axes	2.50		
6 stone chisels	1.50	Grain—Corn, 48 loads; oats, 44 loads; wheat, 21 loads; buckwheat, 3 loads; beans, 4 loads; corn in stalks, 3 loads; rye, 25 loads.	
2 pairs brick tongs	2.50		
2 pinch bars	1.50	Poultry—Turkeys, 12 loads; chickens, 8 loads.	
1 tarpaulin	5.00		
3 1-gallon oil cans .....	.50	Miscellaneous—Coal, 949 loads; coke, 143 loads; hay, 364 loads; straw, 15 loads; bean straw, 2 loads; corn stalks, 2 loads; paper, 152 loads; iron, 93 loads; rags, 25 loads; rubber, 9 loads; bones, 7 loads; automobiles, 128 cars; manure, 117 loads; stone, 154 loads; household goods, 39 loads; wagons, 3 loads; sleighs, 2 loads; photo plates, 1 load; hides, 4 loads; lumber, 7 loads; wood, 6 loads; cedar posts, 1 load; tan bark, 12 loads; saw logs, 1 load; boxes, 1 load; stock racks, 2 loads; hardware, 2 loads; salt, 11 loads; lime, 3 loads; fire clay, 4 loads; samples, 2 loads; ice, 6 loads; brick, 2 loads; sugar, 1 load; wire, 3 loads; battery plates, 3 loads; radish seed, 1 load; windmills, 1 load; popcorn outfits, 1 load.	
1 pair of tongs for raising walks	5.00		
1 handy wagon	24.00	Total cash receipts, \$469.60.	
1 plow	16.00		
1 breakup plow	20.00	It will be noticed that the receipts of the year were light as compared	
1 gasoline cement mixer ..	200.00		
400 set garden hose	20.00		
5 dozen C. B. G. sprinklers,	8.75		
2 iron garden rakes	1.50		
3 sickles	1.00		
30 snow shovels	15.00		
2 garden spades	1.50		
1 wrench	1.50		
4 wheelbarrows	4.00		
40 lawn seats	30.00		
2 tarvis kettles	200.00		
6 tarvia cans	6.00		
1 brace and 3 bits	2.00		
2 pair sleighs	75.00		
6 potato forks	6.00		
30 feet 12-inch tile	7.50		
122 feet 15-inch tile	48.80		
50 feet 24-inch tile	50.00		
800 feet 4-inch tile	32.00		
1 writing desk	15.00		
3 chairs	3.00		
21 No. 2 shovels	10.00		
1 grind stone	2.50		
1 set heavy harness	50.00		
3 horses	900.00		

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with former years and this is chargeable to the fact that the scales were out of commission five entire weeks for repairs. In addition the extremely hot season burned up the entire crop of early potatoes. Hay and

grain likewise suffered a similar fate. This all had a tendency to reduce the receipts.

Respectfully submitted,

Fred J. Robinson,
Weighmaster.

Department of Public Safety

To the Mayor and Commissioners,
Traverse City, Michigan:

2368i—Gentlemen: I present herewith the report of W. S. Williams, superintendent of the water works, for the year ending December 31st, 1919.

Respectfully,

Geo. Lather,
Commissioner of Public Safety.

City of Traverse City, Michigan.
Water Department.

Jan. 8th, 1920.

Mr. Geo. Lather, Commissioner of
Public Safety:

Dear Sir: I herewith submit my report covering operations of the water department for the year ending December 31, 1919.

Record of water pumped during 1919 is as follows:

	Gallons
January	42,328,000
February	41,464,000
March	42,416,000
April	40,776,000
May	50,728,000
June	106,440,000
July	106,880,000
August	79,672,000
September	67,064,000
October	44,402,000
November	37,488,000
December	48,192,000
	<hr/> 707,850,000

Allowing 5 per cent for slippage there was delivered during the year 672,458,000 gallons, or an average of 1,842 600 gallons daily.

The largest day's pumpage was on July 5th; on that day 5,448,000 gallons were delivered. The smallest day's pumpage was on March 30th. On that day 1,160,000 gallons were delivered.

There was more water pumped in 1918, than during the past year, although during the two dry months of July and August, 1919, more water was pumped than in any two months previous. I believe that reason for the

smaller pumpage the past year is due to installing meters, especially on our larger buildings. I would recommend that meters be installed as fast as possible.

During the past year we installed 91 meters of the following size: 76 $\frac{3}{4}$ -inch, 7 1-inch, 1 $1\frac{1}{4}$ -inch, 4 $1\frac{1}{2}$ -inch and 3 2-inch. All our public schools are now metered; also the county court house and jail. The following new services were installed: 39 $\frac{3}{4}$ -inch, 7 1-inch, total 46, or a total of 2481 services in the city.

No extensions have been made during the past year, and owing to the extreme cost of material and labor, I would not advise any extensions except in an extreme case.

I would suggest that the water rates be raised, as we are charging the same rates as when fuel, labor and material were much lower than at the present time. I find that many cities have raised their rates the past year in order to meet their obligations.

I believe the plant, mains, hydrant, are all in first class condition.

Our intake pipe was inspected and repaired and is now in first class condition.

The liquid chlorin apparatus has been in constant use and has caused us no trouble. Daily tests are made of our city water by Mr. Chapman, chemist at the high school, and the reports from the department at Lansing show that our water is absolutely pure.

Respectfully submitted,

W. S. Williams.
Water Department, City of Traverse
City, Michigan.

Balance Sheet, Dec. 31, 1919.

Assets.

Treasury	\$ 29,045.19
Accounts receivable	3,936.69
Inventory (supplies)	3,110.86
Insurance: Fire \$290.22:	
liability. \$60.32	350.54

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Discount (on water paid in advance)	120.00	\$1.17; intake, \$125.84; aux machinery, \$22.19...	1,945.65
Liberty bonds	5,000.00	General expense: Superin-	
Deposit for chlorine.....	60.00	tendent, \$1,365.00; clerk	
Automobile	275.00	hire, \$600.00; printing,	
Plant: Real estate, \$9,-		\$65.45; supplies, \$25.97;	
438.67; buildings, \$13,-		telephone, \$6.00; postage,	
973.66; boiler No. 1, \$2,-		\$40.68; depreciation, \$5,-	
000.00; boiler No. 2, \$2,-		798.04; insurance, \$146.66;	
000.00; pump No. 1, \$19,-		liability, \$43.18; inter-	
000.00; pump No. 2, \$19,-		est, \$3,367.44; reading	
000.00; intake, \$5,000.00;		meters, \$116.82; inspec-	
aux. machinery, \$745.00;		tions, \$7.00; turn off and	
mains, \$129,473.64; hy-		on, \$332.50; chlorine,	
drants, \$9,354.85; service		\$158.87; a u t o m o b i l e ,	
taps, \$21,137.94; meters,		\$21.71	12,086.33
\$14,471.61; chlorine plant,			
\$881.79; misc. equip-		Total	\$ 26,139.66
ment, \$1,682.49; office			
equipment, \$173.80; foun-			
tain, \$28.38	248,361.82		

\$290,260.10

Liabilities and Ownership.

Bonds outstanding	\$ 72,000.00
Accounts payable	34.82
Accrued interest	1,474.55
Depreciation reserve.....	79,118.49
Advance payments—sched-	
ule	1,255.42
Profit, current year	7,354.80
Ownership	129,022.02
	<u>\$290,260.10</u>

Expense, Year Ending Dec. 31, 1919.

Pumping expense: Engi-	
neers, \$3,498.00; firemen,	
\$2,838.50; fuel, (coal \$5,-	
266.15, labor \$144.72;	
wood, \$30.00), \$5,440.85;	
oil and grease, \$94.07;	
soap, \$6.06; waste, \$5.80;	
packing, \$25.15; electric,	
light \$178.28, lamps,	
\$20.95	\$ 12,107.68

Maintenance: Boiler No. 1,	
\$130.58; boiler No. 2,	
\$245.16; pump No. 1, .	
\$162.07; pump No. 2,	
\$54.41; buildings, \$66.86;	
mains, \$207.81; hydrants,	
\$302.19; grounds, \$90.15;	
sprinkling valves, \$41.75;	
services, \$100.59; meters,	
\$288.06; misc. equipment,	
\$106.82; chlorine plant,	

Income, Year Ending Dec, 31, 1919.

Water sales: Schedule	
rates, \$6,370.27; meter	
rates, \$14,221.43; sprink-	
ling streets, \$335.00; city	
cemetery, \$350.00; Cath-	
olic cemetery, \$50.00; hy-	
drant rental, \$9,275.00...	30,601.70
Revenue: Taps, \$315.00;	
installing meters, \$80.00;	
meter rental, \$1,347.25;	
interest on deposits,	
\$446.98; interest on Lib-	
erty bonds, \$200.00	2,389.23
	<u>Total receipts</u>
	\$ 32,990.93
Total expense	<u>26,139.66</u>
	Total profit
	\$ 6,851.27

Additions to Plant.

Meters	\$ 1,229.96
Installing meters (labor	
and material)	211.99
Taps	503.21
Meter boxes and covers...	96.75
Mains	15.20
	<u>Total</u>
	\$ 2,057.11

Profit and Loss.

Inspection of barn burned,	
\$10.00; audit, \$559.32....	\$ 569.32

Credit.

Meter boxes, \$4.00; old iron	
sold, \$33.85; insurance	
received, \$1,000.00; profit	
on water sold, \$4,462.04;	
profit on merchandise	

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and labor sold, \$2,389.23;
barn sold, \$35.00..... 7,924.12
Cr. balance 7,354.80

Bonds.

Name.	Extension.	Amt.	Due.	Rate.	Annual Interest.
\$ 1,000	11-1-1930	4 %	\$ 40.00		
10,000	11-1-1930	4 %	400.00		
20,000	7-1-1924	4½ %	900.00		
6,000	6-1-1928	4½ %	270.00		
15,000	4-1-1929	4¼ %	637.50		
20,000	4-1-1929	4¼ %	850.00		
\$72,000			\$3,097.50		

Statistical Report.

Total gallons pumped, 708,426.000;
cubic feet pumped (7½ gal. 1 cubic
ft.), 94,456,800; 5 per cent slippage of
pumps, 4, 722,840. Total cubic feet
delivered, 89,733,60. Total cubic feet
water metered, 26,340,680; total cubic
feet schedule water, 63,393,208.

Total expense, \$25,126.76. Income
from metered water, \$14,221.43; in-
come from schedule water, fire hy-
drant, etc., \$16,380.27.

Cost per 1,000 cubic feet to deliver,
\$.28. Income per 1,000 cubic feet me-
tered water, \$.54; income per 1,000
feet schedule water, \$.26.

Inventory Jan. 1, 1920.

Taps—Service box bottoms,
\$4.50; 6 ½-in. subcocks,
\$11.40; 5 ½-in. fringe con.
and crop. cock, \$17.00; 2
¾-in. wiped joint con.,
\$3.00; 3 1-in. curb cocks,
\$11.30; 8 ½-in. wiped joint
and curb cocks, \$21.95; 6
and curb cocks, \$21.92; 6
¾-in. flange con., \$18.00; 3
1-in. wiped joint con.,
\$14.91; 18 service boxes
(2.00), \$36.00; 4 service
boxes, \$2.18\$ 140.21
Meter Box Covers—8 at \$2.50 \$ 20.00
Meters—2 ½ at \$6.30, \$18.90;
21 ½ at \$9.40, \$197.40; 1
1¼-in. Hersey, \$31.04; 1
1-in. Hersey, \$22.77; 1 2-in.
Hersey, \$65.79; 4 1-in. Her-
sey disc, \$8.00; 2 1½-in.
Trident disc, \$1.20; 8 Tri-
dent bottoms, \$4.45; 2 2-in.
Worth disc, \$4.00; 4 1-in.
Worth clocks, \$7.50; 1 ½
Worth clock, \$1.50; 5 Key-

stone tops, \$3.70; 7 Nash
disc, \$5.80; 10 ⅝ Hersey
bottoms, \$4.20; 3 Keystone
discs, \$2.21; 6 ⅝ Hersey
discs, \$4.50; 2 1-in Hersey
meters, \$45.62; meter bot-
toms, \$4.32 432.90
Pipe and Fittings—11 ¾ ells,
\$1.10; 15 ¾ couplings at
\$.10, \$1.50; 9 ¾ return
bends, \$1.80; 14 ¾ unions
at \$.20, \$2.80; 719 ¾ pipe
at \$.11, \$79.09; 2 2-in. Globe
valves, \$4.00; 2 1½ in.
Globe valves, \$2.00; pipe,
\$4.00 96.29
2 brooms 1.07
64 lbs. soap at 8c..... 5.12
Pumps—39 pump valves.... 39.61
Building—Roof paint..... 42.06
Boilers—Boiler plant, \$5.75;
fire brick, \$12.50 18.25
Soot destroyer 23.20
Coal, Jan. 1, 1920 674.91
Chlorine, 150 lbs. at \$.15 22.50
Waste 7.35
Packing 24.15
Oil—Engine oil, \$11.98; cylin-
der oil, \$2.16; grease,
\$15.79 29.93
Boiler compound 8.93
Hydrants—6 5-in. valves,
\$13.09; 5 4-in. valves, \$9.59;
11 bottom gaskets, \$2.80; 2
5-in drips, \$3.00; 16 glands,
\$16.00; 2 opening nuts,
\$4.00; 3 5-in bottoms,
\$24.00; 2 4-in. bottoms,
\$10.00; 2 odd size valves,
\$4.00; paint, \$25.00; 1 4-in.
hydrant (old), \$20.00; 1 5-
in. barrel, \$41.11; 2 5-in.
hydrants, \$60.00; 1 5-in.
Darling hydrant, \$47.75; 6
6-4-in. plates for valves,
\$12.94; 6 5-in. plates for
valves, \$13.50; 6 4-in. drips,
\$30.00; 6 5-in. drips, \$30.00;
8 4-in. valves, \$7.50; 12
gaskets, \$3.00; valves,
\$11.57 388.85
Mains—1 4-in plug, \$.50; 1
6-in. plug, \$.60; 1 pc. 16-in.
main, \$18.00; 44 pcs. 10-in.
main, \$342.00; 2 pcs. 8-in.
main, \$22.00; 2 pcs. 6-in.
main, \$10.00; 2 pcs. 10-in.
ball joint, \$20.00; 10 pcs.
4-in. main, \$40.00; 1½

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length 10-in. main, \$5.00;
 1 4-in. gate valve, \$7.50;
 1 8-in. gate valve, \$16.00;
 4 12-in. gate valves, \$100.00;
 3 6-in. gates for main tap,
 \$45.00; 1 6-in. valve, \$12.00;
 1 10-in. sleeve, \$4.75; 3
 4-in. sleeve, \$4.75; 1 6-in.
 sleeve, \$1.85; 1 12-in.
 sleeve, \$5.50; 1 16-in sleeve,
 \$20.00; 2 12-in. plugs, \$9.00;
 tees, crosses, reducers, hy-
 drant tees, all sizes,
 \$341.55; pig lead, \$3.10.... 1,029.10

Total\$3,004.43

To the Mayor and Commissioners,
 Traverse City, Michigan:

2368j—Gentlemen: I present here-
 with report of Julius Johnson, fire
 marshal, and John M. Blacken, police
 marshal, for the fiscal year ending
 December 31st, 1919.

Respectfully,

Geo. Lather,

Commissioner of Public Safety.

George Lather, Commissioner of
 Public Safety, Traverse City, Mich-
 igan:

Dear Sir: Not having taken the of-
 fice of fire marshal until January 1st,
 1920, I am not prepared to present a
 report of the fire department for the
 year just ended. The following is a
 list of the property on hand:

2 horses	\$ 350.00
4 harnesses	100.00
6 horse blankets	21.00
2 combination wagons.....	800.00
2 sleighs	200.00
1 exercise wagon	15.00
4 hose carts	275.00
1 hand ladder truck	75.00
6 ladders	356.00
6 000 ft. 2½-in. hose.....	5,000.00
50 ft. 3-in. hose	60.00
10 nozzles	210.00
6 hand extinguishers	100.00
1 wire cutter	25.00
2 hose shut-offs	30.00
2 Ahrens Fox fire engines...	8,000.00
2 Pyrene extinguishers	10.00
1 hose expander	15.00
33 Gamewell fire alarm boxes	3,995.00
5 Signalphone alarm boxes..	325.00

14 miles overhead wire	485.00
1 Gamewell indicator	75.00
1 Gamewell register at water works	75.00
1 Signalphone gong and reg- ister	68.00
Gravity battery	45.50
1 switch board	25.00
Beds, blankets, etc.....	75.00
Chairs, desk, etc.....	65.00
2 sliding poles	35.00
6 axes	12.00
Runners, skids, etc.....	83.75
1 Buick motor chemical.....	1,326.45
1 Cadillac motor hose truck.	2,960.00

Respectfully submitted,

Julius Johnson,
 Fire Marshal.

Traverse City, Mich., Jan. 5, 1920.
 To the Hon. George Lather, Commis-
 sioner of Public Safety:

I have the honor to herewith submit
 the annual report of the Traverse
 City Police Department for the year
 1919:

113 houses placarded for quaran-
 tine; 3 cases of quarantine being
 broken, investigated; 26 checked city
 pound; 112 dogs, 37 cats found, killed;
 8 arrested for harboring dogs without
 license; 4 automobiles reported
 stolen 3 found and returned to own-
 ers; 5 automobile accidents reported,
 investigated same; 2 arrested for
 speeding; 2 arrested for not having li-
 cense plate on car; 1 automobile tire
 reported stolen, found same; 1 pair
 \$25.00 marine glasses reported stolen,
 found same; 1 pair \$14.00 reported
 stolen, found same; \$60.00 reported
 stolen from rooming house, investi-
 gated same; \$20.00 reported stolen,
 found same; 2 stores reported broken
 into, parties apprehended for same;
 4 houses reported broken into, investi-
 gated; \$200.00 Liberty bond reported
 stolen, found same; \$50.00 Liberty
 bond reported stolen, found same; 7
 boys taken to Probate court; 4 girls
 taken to police matron's office; 4
 store doors found unlocked, reported
 same to owners; 2 reports of wires
 being down, reported same to electric
 light office; 2 pair of skis reported
 stolen, found same; 13 calls investi-
 gated, parties having trouble; 1 per-
 mit given to purchase revolver; 1 ar-

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rest for outside police; 5 persons located for outside officers; 2 horsehide robes reported stolen, investigated; 1 report of stealing wood investigated; 10 bicycles reported stolen, found and returned to owners; 8 children reported lost, same found and returned to homes.

In conclusion, I wish to extend my appreciation for courtesies extended to the department.

Respectfully submitted,

John M. Blacken,
Chief of Police.

Inventory of Equipment of Traverse City Police Department.

1 large folding desk	\$ 40.00
2 small desks	10.00
10 chairs	30.00

1 filing cabinet	4.50
2 letter files	2.00
1 Atlas	10.00
Stationery and office supplies	10.00
6 police clubs	6.00
10 police caps	32.50
52 police badges	35.00
2 pair hand cuffs	8.00
1 revolver	10.00
1 Rasmussen drag	10.00
10 drag hooks and hope	5.00
6 beds	25.00
1 automobile	350.00
14 hydrants and theatre targets	50.00
1 telephone box	5.00
6 window screens and 1 door	5.00
1 city map	3.00

\$ 651.00

Respectfully submitted,

John M. Blacken,
Chief of Police.

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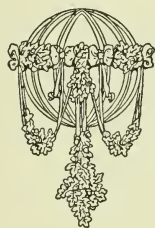
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City of Traverse City Michigan



1920

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Michigan



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For the Year Ending December 31, 1920

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Department of Finance

C. G. SHERWOOD, Commissioner

2808-a—To the Mayor and Commissioners, Traverse City, Michigan:

Gentlemen: I present the financial statement of the city as prepared by the City Clerk for the year beginning January 1st, 1920, and ending December 31st, 1920.

Respectfully submitted,

C. G. Sherwood,
Commissioner of Finance.

Contingent Fund.

Receipts.

Balance in fund January, 1st, 1920\$ 20,731.18

Licenses: Rooming houses, \$11; billboard and bowling alley, \$128; trucks, drays, taxi, \$234; plumbers, \$10; theatre, \$25; auctioneer, \$10; peddlers, \$27; shooting gallery, \$1; novelties, \$2; hawkers, \$5; moving builders, \$8; circus and tent show, \$50 ... 511.00

Delinquent tax, county treasurer 9,090.62

Interest 2,557.18

Penalty, general city tax 232.23

Fees, general city tax.. 343.91

Over run(general city tax 70.05

Fees, state and county tax 506.38

Clerk's fees 93.50

Justice court fines 376.50

Interest on deposits and Liberty bonds 1,646.62

Light inspections 5.00

Delinquent collections, state, county and county road 1,328.99

Dog license fees 33.75

One-half gas appraisal.. 250.00

Cleaning closets 6.80

Gas election 208.06

Refund 2.10

Liability insurance 1,404.71

Loan returned Board of Education 15,000.00

Interest received from loan 83.33

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Disbursements.

Office supplies\$ 500.08

Postage 134.61

Light and lamps, office, 166.40

Water 36.42

Telephone 46.10

Fuel 334.38

Mayor's office 642.02

Laundry 4.42

Janitor 390.00

Electrical inspector 360.00

Janitor supplies 59.38

Rent, ½ city office 400.00

Repairs, city office 27.27

Office labor 1,960.00

Extra labor 432.00

Insurance 62.36

Liability insurance 1,442.44

Magazine subs 7.00

Charged back tax 16.59

License tags 5.11

Election expense, notices, \$224.97; elections, \$1,733.49; ballots, \$164.25; fuel, \$10.00; dray and livery, \$79.50; registration, \$230.73 2,442.94

City attorney expense.. 113.14

Dues, League of Municipalities 30.00

Decoration day expense 97.60

Costs returned to justices 87.50

Board of Review 120.75

Ice 15.50

Stationery and printing, 8.50

Miscellaneous expense.. 100.27

Gas 45

Refund 47.19

DEPARTMENT OF FINANCE

Adding machine	100.00	Office supplies, meat and milk inspector ..	2.45
Cleaning closets	145.20	Ambulance	5.32
Uncollected general city tax	3,843.08	Medicine	36.45
Appraising gas plant ..	500.00	Quarantine	6.50
Killing and burying dogs,	60.00	Water analysis	90.00
Expense of court case,	7.50	Printing	43.50
Gas election	208.06	Taxi	61.50
Mayor's trip to Wash- ington and Lansing ..	300.00	Light	1.80
Engineer, new power plant	682.17	Liability insurance	13.25
New sign posts	51.90		\$ 2,149.57
Horse killed	300.00	Balance in fund Jan- uary 1, 1921	1,081.37
Gas tests	125.41	Salaries Fund.	
Loan to Board of Ed- ucation	15,000.00	Receipts.	
Survey of Boardman river	918.03	Balance in fund Jan- uary 1, 1920	\$ 2,633.53
		Budget, 1920	6,500.00
	\$ 32,331.77		\$ 9,133.53
Balance in fund Jan- uary 1, 1921	\$ 22,150.14	Disbursements.	
Printing Fund.		Mayor	\$ 300.00
Receipts.		Commissioners	766.64
Balance in fund Jan- uary 1, 1920	\$ 743.72	City clerk	1,800.00
Budget, 1920	900.00	City treasurer	1,800.00
		City attorney	600.00
	\$ 1,643.72	City assessor	800.00
Disbursements.			\$ 6,066.64
Proceedings in paper ...\$	803.55	Balance in fund Jan- uary 1, 1921	3,066.89
Pamphlet proceedings .	274.10	Fire Department Fund.	
Ordinances	3.60	Receipts.	
Notices	173.14	Balance in fund January 1st, 1920	\$ 2,102.05
Annual reports	35.00	Harness sold	25.00
Commission	54.00	Old rubbish sold	61.50
	\$ 1,343.39	Howard compensation .	103.00
Balance in fund Jan- uary 1, 1921	300.33	Sleigh sold	8.00
Health Department.		Budget 1920	12,198.00
Receipts.		Hydrant rental	9,275.00
Balance in fund Jan- uary 1, 1920	\$ 548.19		\$ 23,777.55
Pay cases	33.25	Disbursements.	
From county cases ...	90.50	Salaries, chief and six men	\$ 8,965.60
From Board of Edu- cation	40.00	Special	293.07
Budget, 1920	2,519.00	Truck and hose com- panies	645.50
	\$ 3,230.94	Liability insurance	716.33
Disbursements.		Hydrant rental	9,275.00
Health officer	\$ 950.00	Fuel	594.72
Nurse	481.25	Light and lamps	112.44
Laundry	1.35	Water	14.40
Gas	6.60	Telephone	69.01
Telephone	15.00	Feed and bedding	488.76
Office supplies	14.60	Horse shoeing	61.10
Meat and milk inspector,	420.00	Auto repairs	690.74
		Oil and gasoline	175.98
		Laundry	34.80

Gas	16.14	Interest on deposits and	
Office supplies	8.69	Liberty bonds	864.56
Repairs to equipment..	218.95		
Repairs to building....	67.05		\$ 27,923.79
New equipment, tools,	145.80	Disbursements.	
Association dues	10.00	Interest on bridge	
Equipment for sleeping		bonds	\$ 270.00
rooms	228.03	Interest on street inter-	
Supplies	310.07	sections bonds	1,440.00
Street signs	173.20	Interest on park and	
Dray	2.50	improvement bonds..	112.50
Repairs to fire alarm		Interest athletic and rec-	
system	1,633.83	reation bonds	2,506.25
Test at Johnson-Ran-			
dall Co	5.75		\$ 4,328.75
Baker claim	100.00	Balance in fund January	
Equipment for men	14.88	1st, 1921	23,595.04
Veterinary	2.50	Library Fund.	
Convention expense	75.00	Receipts.	
Cleaning chimney	4.00	Balance in fund Jan-	
Test at Brown's	5.00	uary 1st, 1920	\$ 845.95
Printing furnace per-		Book fines	31.00
mits	4.50	Fines	10.00
		Budget 1920	6,300.00
	\$ 25,164.34		
Over drawn	1,386.79		\$ 7,186.95
Police Fund.		Disbursements.	
Receipts.		Sixth Street: Librarian,	
Balance in fund January		\$775; assistants,	
1st, 1920	\$ 926.32	\$1,171.88; jan. \$947.50;	
Budget 1920	5,320.00	light and lamps,	
		\$88.28; water, \$32.39;	
	\$ 6,246.32	fuel, \$763.58; laundry,	
Disbursements.		\$5.00; books, \$578.76;	
Salaries	\$ 3,440.50	magazines and sub-	
Special	6.00	scriptions, \$397.56; re-	
Auto cop	725.00	pairs, \$330.99; cards	
Light	21.80	and book slips, \$51.50;	
Water	8.12	supplies, \$49.35	\$ 5,191.79
Telephone	123.47	Oak Park Library, Li-	
Auto repairs	141.28	brarian, \$452; fuel,	
Gasoline	225.23	\$8.50; repairs, \$7.40 ..	467.90
Lamps	3.40	Insurance	169.92
Laundry	15.00	Association dues	5.00
Liability insurance....	170.38	Liability insurance	17.20
Printing	9.12	Supplies	18.01
Miscellaneous supplies..	25.38	Flowers	45.00
Street parking signs....	22.75	Binding books	627.38
Street police	135.58	Expenses convention ..	21.50
Motorcycle	95.75	Printing	2.70
Humane officer	60.00		
	\$ 5,228.76		\$ 6,566.40
Balance in fund January		Balance in fund Jan-	
1st, 1921	1,017.56	uary 1st, 1921	620.55
Interest and Sinking Fund.		Light Fund.	
Receipts.		Receipts.	
Balance in fund January,		Balance on hand Jan-	
1st, 1920	\$ 17,959.23	uary 1st, 1920	\$ 2,602.23
Budget 1920	9,100.00	Budget 1920	8,600.00
		....	\$ 11,202.23

Disbursements.		Monroe Street Park:	
Streets, alleys, bridges.	\$ 8,257.75	water	6.90
New lamps	2.81	Sunset Park: water,	
		\$21.36; light and	
	\$ 8,260.56	lamps, \$71.90; labor,	
Balance in fund Jan-		\$402.00; bath house,	
uary 1, 1921	2,941.67	\$44.35	539.61
General Sewer Fund.		Labor all parks	10.00
Balance in fund Jan-		New equipment	11.00
uary 1, 1920	\$ 2,000.95	On purchase of lots	100.00
Budget	1,000.00	North Cass street park,	410.77
Disbursements.		Supplies	50.06
Repairs and cleaning		Music	300.00
sewers	\$ 356.55	Comfort station	1,791.90
Man hole cover	10.13	Painting sign	2.00
Cement .....	.80	Liability insurance	57.66
Cleaning creek	32.00		
W. Front street sewer,	146.62		\$ 6,188.33
Liability insurance	53.02	Over drawn January 1st,	
		1921	1,808.33
	\$ 599.12	General Street Fund.	
Balance in fund Jan-		Receipts.	
uary 1st, 1921	2,401.83	Balance in fund January	
Bridge Fund.		1st, 1920	\$ 9,451.67
Balance in fund Jan-		Market receipts	743.20
uary 1st, 1920	\$ 171.70	Labor city horses	1,757.10
Budget 1920	600.00	Telephone commissions.	1.76
		West Front Street curb	
	\$ 771.70	and gutter	99.50
Disbursements.		Hay rack sold	8.00
Repairs	\$ 436.69	Coal sold	1.00
Lamp renewals	119.61	Refund	1.38
Re-surfacing bridges ...	62.25	City truck	1,991.00
		Stone crusher sold	1,000.00
	\$ 618.55	Budget account	29,851.00
Balance in fund January		Labor sold	48.80
1st, 1921	153.15	Cement sold	31.45
Park Fund.		Tarvia sold	8.75
Receipts.		Tile sold	59.92
Budget 1920	\$ 4,300.00	Walk at Fair grounds..	262.80
Lumber sold, comfort			
station account	80.00		\$ 45,317.33
	\$ 4,380.00	Disbursements.	
Disbursements.		Street commissioner's	
Over drawn January		salary	\$ 1,700.00
1st, 1920	\$ 1,701.73	Horse hire	120.00
Hannah Park: Care of		Shoveling and hauling	
lots, \$27.25; feed for		snow	866.35
deer, \$79.55; water,		Snow and gutter plow-	
\$85.52; light and		ing	749.14
lamps, \$80.40; labor,		General repairs	9,243.83
\$566.75; repairs tools,		Care of dump	652.75
\$7.12; building steps,		New tools and ma-	
\$249.49	1,096.08	chinery	105.90
Lake Ave. Park: light		Horse shoeing	96.40
and lamps, \$74.10;		Repairs to tools and	
water, \$23	97.10	equipment	607.04
Union Street Park:		Tool house, feed and	
water	13.52	bedding, \$1,180.41;	
		veterinary and medi-	

cine, \$19.19; repairs, \$20.52; light and lamps, \$24.55; water, \$4.52; telephone, \$36...	1,285.19	Re-surfacing West Front street	96.75
City Market: Weigh-master's salary, \$900; fuel, \$34.19.. light and lamps, \$9.45; water, \$4.52; supplies, \$171.65	1,119.81	Balance in fund January 1st, 1921 ..	\$ 34,912.94
Fuel, tool house	19.94		
Care of gravel pit	234.50	Wharf Fund.	
Thawing catch basins ..	135.58	Balance in fund January 1, 1920	\$ 829.32
Cleaning pavement	3,597.46	Disbursements.	
Water, horse troughs...	216.00	Pier lights	\$ 58.50
Water, street sprinkling and labor	1,070.50	Lamps	10.95
Repairs to pavement ..	94.00		\$ 69.45
Repairs to walks	90.50	Balance in fund January 1, 1921	759.87
Cutting weeds	307.01		
Oil and gasoline	128.08	Cemetery.	
New horse	200.00	Receipts.	
Insurance	135.38	Balance in fund January 1, 1920	\$ 2,044.52
Skating rink	79.40	Burials	793.50
Fuel, street roller	88.79	Care of lots	1,909.90
Fountain	25.03	Grading and seeding...	521.30
Light, ward halls	32.17	Extra grave service ...	217.25
Expense trip of commissioner to Grand Rapids	37.70	Removal	80.00
Expense of truck	507.47	Budget, 1920	1,000.00
Weighing coal	1.10	Extra labor, Catholic cemetery	23.00
Truck	2,307.20	Removing tree	10.00
Cleaning alleys	1,235.35		\$ 6,599.47
North Cass street improvement	194.03	Disbursements.	
New walks	50.15	Sexton's salary	\$ 1,200.00
Street comimssioner's trip to Petoskey	7.41	Horse hire	300.00
Spreading chloride	349.10	General labor	1,312.44
Liability insurance	592.45	Telephone	36.00
Calcium chloride	2,842.60	Water	12.60
Crushed stone	543.20	Care of lots	1,288.37
Repairs Fifth Ward hall	128.00	Tools	33.01
Recording papers	3.00	Grading	42.00
Drinking fountains	18.03	Caring for flower beds..	33.00
Miscellaneous supplies, Cutting weeds Ott property	54.75	Repair fence	89.87
Fair grounds sidewalk..	367.80	New equipment	140.70
Lansing trip, street commissioner	22.00	Refund	2.75
Tarvia	1,943.07	Repair mains	3.35
Re-surfacing Eighth and Webster streets	271.30	Cleaning tanks	12.00
Re-surfacing Elmwood avenue	151.30	Grass seed	17.80
Work at school	4.00	Repairs to house	234.94
		Liability insurance	106.03
		Water for cemetery	350.00
		Supplies	6.62
			\$ 5,221.48
		Balance on hand January 1, 1921	1,377.99
		Cemetery Ext. and Imp. Fund.	

Receipts.		Interest on bonds	2,782.50
Balance in fund January			
1, 1920	\$ 2,097.58		\$ 27,536.41
Lots sold	1,544.02	Balance in fund January	
Single graves	12.00	1, 1921	36,236.13
		Electric Light & Power Dept.	
	\$ 3,653.60	Receipts.	
Disbursements.		Balance in fund January	
Soil	\$ 344.00	1, 1920	\$ 21,995.17
Refund	6.66	Light and power	49,017.99
	\$ 350.66	Interest on Liberty	
Balance in fund January		bonds	206.25
1, 1921 ..	3,302.94	Interest on deposits...	494.04
Cemetery Perpetual Care.		Refund	19.20
Receipts.		Survey at Boardman	
Balance in fund January		river refunded	918.03
1, 1920	\$ 1,850.00		\$ 72,650.68
Received for perpetual		Disbursements.	
care	400.00	Expenses	\$ 42,492.55
	\$ 2,250.00	Transferred to sinking	
Balance in fund January		fund	20,000.00
1, 1921	\$ 2,250.00		\$ 62,492.55
Water Dept., Liberty Bonds.		Balance in fund January	
Balance in funds Jan-		1, 1921	10,158.13
uary 1, 1921	\$ 5,000.00	Electric Light & Power Dept.,	
Water Department.		Liberty Bonds.	
Receipts.		Balance in fund January	
Balance in fund Jan-		1, 1921	\$ 5,000.00
uary 1, 1920	\$ 29,052.95	Electric Light & Power Dept., In-	
Schedule water	6,474.61	terest and Sinking.	
Metered water	15,662.40	Balance in fund January	
Installing meters	82.00	1, 1920	\$ 1,208.90
New taps	595.00	Disbursements.	
Interest on deposits and		Transferred to sinking	
Liberty bonds	1,111.57	fund	\$ 1,208.90
Material sold	30.53	Office Building Fund.	
Interest on Liberty		Balance in fund January	
bonds	206.25	1, 1920	\$ 1,000.00
Hydrant rental	9,275.00	Interest Account.	
Street sprinkling	335.00	Receipts.	
Cemetery	350.00	Interest on deposits ...	\$ 1,016.79
Refunds	16.24	Interest on Liberty	
Coal sold	245.81	bonds ..	3,100.00
Chlorine account	192.06		\$ 4,116.79
Barn sold	35.00	Disbursements.	
Labor sold	24.50	Transferred to different	
Rebate on insurance ..	3.12	Balances in Funds Dec. 31st, 1920.	
Repair work for ceme-		Contingent	\$ 22,150.14
tery	3.00	Printing	300.33
Water for circus	8.00	Health	1,081.37
Catholic cemetery	50.00	Salaries	3,066.89
Oil sold	2.50	Police Dept	1,017.56
Furnishing steam for		Interest and sinking...	23,595.04
tarvia tank	17.00	Library	620.55
	\$ 63,772.54	Light	2,941.67
Disbursements.		General sewer	2,401.83
Expense	\$ 24,753.91	Bridge	153.15

General street	10,404.39
Wharf	759.87
Cemetery	1,377.99
Cemetery extension and improvement	3,302.94
Water	36,236.13
Water, Liberty bonds..	5,000.00
E. L. & P., Liberty bonds	5,000.00
E. L. & P. Dept	10,158.13
City office building	1,000.00
Sixth and Cedar street sewer	190.18
E. L. & P. sinking.....	24,104.90
State and county tax...	11,003.19
Cemetery, perpetual care	2,250.00
	<hr/>
	\$168,116.25

Fire Dept	\$ 1,386.79
Park	1,808.33
Liberty Bond account..	106,834.00
General city tax	9,196.53
Cash	48,890.60
	<hr/>
	\$168,116.25

Bonds Outstanding.

Electric Light Bonds—Due June 1, 1932, rate of interest $4\frac{1}{4}$ per cent, \$125,000.00.

Water Works Extension—Due Nov. 1, 1930, rate of interest 4 per cent, \$11,000.00; due June 1, 1928, rate of interest $4\frac{1}{2}$ per cent, \$6,000.00; due July 1, 1924, rate of interest, $4\frac{1}{2}$ per cent, \$20,000.00; due April 1, 1929, rate of interest $4\frac{1}{4}$ per cent, \$15,000.00.

Water Works Pump—Due April 1, 1929, rate of interest $4\frac{1}{4}$ per cent, \$20,000.00.

Paving Intersections—Due June 1, 1928, rate of interest $4\frac{1}{2}$ per cent, \$20,000.00; due June 1, 1929, rate of interest $4\frac{1}{2}$, \$6,000.00.

Bridge—Due Aug. 1, 1928, rate of interest, $4\frac{1}{2}$ per cent, \$6,000.

Park and Improvement—Due July 1, 1932, rate of interest $4\frac{1}{2}$ per cent, \$5,000.00

Recreation and Athletic—Due July 1, 1936, rate of interest 5 per cent, \$50,000.00.

Total, \$284,000.00.

Assessed valuation, 1919, \$7,766,475.00.

Assessed valuation, 1920, \$7,834,290.00.

Tax rate, city purposes per \$1,000.00, 1919, \$10.44.

Tax rate, city purposes per \$1,000.00, 1920, \$12.45.

Tax rate 1919—State, \$3.59; county, \$3.59; county road, \$2.05; school, \$9.18; \$18.41.

Tax rate 1920—State, \$3.49; county, \$4.00; county road, \$2.00; school, \$12.00; \$21.49.

**Inventory of City Office Building.
Furniture and Fixtures, Clerks'
And Treasurer's Office.**

2 roll top desks	\$ 30.00
4 high desks	75.00
2 flat top desks	50.00
Sectional cabinets	275.00
3 swing chairs	15.00
2 small swing chairs ...	6.00
1 high desk chair	3.00
5 oak chairs	25.00
1 wardrobe	5.00
1 table	3.00
1 typewriter desk	10.00
2 typewriters	125.00
1 adding machine	300.00
1 adding machine	250.00
1 addressograph	275.00
1 water cooler	3.00
1 letter press	3.00
2 document files	25.00
1 sectional book case ..	25.00
2 safe cabinets	250.00
1 paper baler	12.00
Vault equipment	100.00
Election outfits	200.00
6 steel letter files	60.00
	<hr/>
	\$ 2,125.00

Mayor's Office.

8 chairs	\$ 330.00
1 table	92.65
1 rug	120.13
Fire place logs	31.16
	<hr/>
	\$ 573.94

Commission Room.

1 table	\$ 12.00
6 desks	30.00
17 swing chairs	35.00
1 mayor's chair	25.00
10 high back chairs	10.00
25 folding chairs	5.00
	<hr/>
	\$ 117.00

Assessor's Office.		Filing case	10.00
1 large desk	\$ 40.00		
1 swing chair	5.00		\$ 62.00
1 oak chair	5.00	City ownership in build-	
1 desk lamp	2.00	ing one-half interest.	\$ 4,000.00

Department of Public Safety

Traverse City, Mich.,

Jan. 5, 1921.

To the Honorable the Mayor and
Commissioners of Traverse City,
Mich.

2808-b—Gentlemen: I have the pleasure of submitting herewith the twenty-fourth annual report of the Traverse City Fire Department ending December 31, 1920.

During the year, the department has responded to eighty-three (83) alarms, fifteen (15) of which were box calls, and sixty-eight (68) were received by phone, from causes as follows: Sparks from chimneys, 30; automobile fires, 7; false alarms, 7; electric poles, 6; unknown, 5; chimney fires, 5; hot ashes, 4; overheated furnaces, 3; overheated stoves, 3; defective chimneys, 4; broken wires, 2; spontaneous combustion, 1; cigarettes, 1; overheated switch, 1; overheated motor, 1; carelessness with matches, 1; sparks from rubbish, 1, and escaping gas, 1.

The valuation of buildings and contents involved in these fires amounted to \$271,525.00, thirty-three (33) of which were insured. The valuation of property involved in the insured, amounted to \$204,400.00. Insurance carried on above \$108,700.00. Insurance paid on the above \$8,868.00, fourteen (14) of which had insurance and no loss. Sixteen (16) had losses and were not covered by insurance, loss amounting to \$985.00.

Property on Hand.

2 horses	\$ 300.00
1 set harness and 6 collars	125.00
6 horse blankets	18.00
2 wagons, hose	400.00
1 exercise wagon	25.00
10 caddees	400.00
10 nozzles	200.00
6 hand extinguishers ...	150.00

1 wire cutter	25.00
2 hose shutoffs	30.00
2 engines	8,000.00
2 pyrenes	10.00
1 hose expander	15.00
45 boxes	3,930.00
14 miles overhead wire,	485.00
1 indicator	100.00
2 registers	150.00
3 gongs	230.00
Battery contents and board,	75.00
Beds, blankets, etc	250.00
Chairs and desks	50.00
2 sliding poles	35.00
6 axes	12.00
Runners and skids	75.00
1 hand truck	25.00
4 carts	250.00
2 sleighs	100.00
1 Buick chemical	1,336.00
1 Cadillac truck	2,960.00
1 lung motor	100.00
5,400 feet 2½ inch hose,	4,000.00
1 deluge set	50.00

Total\$ 23,911.00

In conclusion I wish to express my appreciation for the courtesies extended and the attention given this department, while working with such good harmony throughout the past year, and trusting the same will continue through the present year.

Respectfully submitted,

F. C. Newman,

Chief of Fire Dept.

2808-d—To the Commissioner of
Public Safety:

I have the honor to herewith submit the annual report of the Traverse City Police Department for the year of 1920:

45 arrested for speeding.
8 arrested for driving without license.
3 arrested for reckless driving.
4 arrested for turning around on Front street between Union and

Cass streets.

2 arrested for cutting corners.

1 arrested for obstructing cross-walk with car.

1 arrested for driving care while intoxicated.

1 arrested for parking car in front of theater.

1 car reported stolen—found same near Bay City.

1 George Reid arrested for Boston police department.

1 Burr Lewis arrested for Pontiac police department.

1 Adolph Lee arrested for boot-legging.

Fairbrother's store reported broken into—Homer Bauman and Otto Macholds apprehended for same.

C. S. P. S. hall reported broken into—Frank and Art George apprehended for same.

Store at Sunset park reported broken into—Julius Weller and Knute Spoore apprehended for same.

National Grocer Company reported freight car broken into and 80,000 cigarettes stolen—George Wilson apprehended for same.

J. H. Monroe reported package stolen from porch—Clarence Duncan apprehended for same.

Charles Halberg reported store broken into and three cans of tobacco stolen.

George W. Lardie reported \$150.00 stolen from safe in warehouse.

Sgt. Williamson reported \$190.00 stolen from recruiting office.

Ed Gilbert reported cigar store broken into, \$65.70 stolen.

Mrs. Ola Hull reported her residence broken into.

Marion Snushall reported her residence broken into.

Two persons killed in automobile accident.

One horse killed in automobile accident.

In conclusion I wish to extend my appreciation for courtesies extended to the department.

Respectfully submitted,

John M. Blacken,

Chief of Police.

Traverse City, Mich.

Jan. 2, 1921.

To the Commissioner of Public Safety:

Inventory of equipment of Traverse City Police Dept.

1 automobile\$ 200.00

1 large folding desk 40.00

10 chairs 30.00

2 small desks 30.00

1 filing cabinet 10.00

2 letter files 2.00

1 atlas 10.00

Stationery and office supplies 10.00

6 police clubs 6.00

2 pr. of handcuffs 6.00

10 police caps 32.00

52 police badges 35.00

1 revolver 10.00

1 Rasmussen drag 10.00

10 drag hooks 5.00

14 hydrants and theater targets 50.00

6 window screens and one screen door 5.00

\$ 491.00

Respectfully submitted,

John M. Blacken,

Chief of Police.

Jan. 10, 1921.

2808-e—Commissioner of Public Safety:

Dear Sir: The Water Dept. herewith submits its yearly report ending Dec. 31, 1920:

No serious breakdown has occurred to either machinery or distribution system during the year, and we believe this department is in excellent condition. As all water departments should keep a record of water distribution during the year, the following is the amount of water pumped during the last year:

January, 51,949,000 gallons.

February, 52,672,000 gallons.

March, 53,480,000 gallons.

April, 41,966,000 gallons.

May, 54,664,000 gallons.

June, 79,704,000 gallons.

July, 69,656,000 gallons.

August, 71,288,000 gallons.

September, 62,816,000 gallons.

October, 46,736,000 gallons.

November, 43,400,000 gallons.

December, 45,008,000 gallons.

Total, 673,339,000 gallons.

Allowing 5 per cent for slippage,

the actual pumpage was 639,771,000 gallons, an average of 1,752,000 gallons daily. On July 16th, we pumped 3,904,000 gallons which was our largest day's pumpage. On November 7th, our smallest day's pumpage was 1,232,000 gallons.

We install 83 $\frac{3}{4}$ meters and 1 1 inch meter, total 84. Making a total of 1,518 meters installed.

The following new services were installed: 50 $\frac{3}{4}$ services; 1 2 inch; 2 1 $\frac{1}{2}$ inch and 1 one inch, total of 54 or 9 more than year previous. We now have a total of 2,536 active services.

Extensions to the distribution system consisted in laying 200 ft of 6 inch and 4 inch pipe at Refrigerator factory; one hydrant was set in a more convenient location; 150 ft. of new main was laid on west side of grounds and new hydrant set. Also a new steamer hydrant was sent in building where steamer is kept.

We have a total of 266 fire hydrants, 151 gates and 27 $\frac{1}{2}$ miles of water mains.

Daily analysis of our city water, is made by our Health Dept. and reports have been uniformly good.

I would recommend that the Health Dept. consider the installation of a new chlorine apparatus as soon as possible, as the machine we now have is becoming defective and should it fail, serious results might follow. With our present machine it is impossible to thoroughly mix the gas and water before it enters the mains, which causes free chlorine to corrode our large gates, and they have to be replaced at a great expense.

I would also suggest that something be done in regard to the handling of our coal. Either a track be put in or a conveyor constructed for the more economical handling of our coal supply.

Respectfully submitted,

W. S. Williams,
Supt. of Water Dept.

Water Department. City of Traverse City, Michigan. Balance Sheet, Dec. 31, 1920.

Assets.

Treasury	\$ 35,186.13
Accounts receivable....	3,791.46
Inventory (supplies ...	4,507.73
Insurance, fire, \$203.15;	
liability, \$60.32	263.47
Discount (on water paid in advance)	126.43
Liberty bonds	5,000.00
Deposit for chlorine ...	40.00
Automobile	275.00

PLANT:

Real estate, \$9,438.67;	
buildings, \$13,973.65;	
boiler No. 1, \$2,000;	
boiler No. 2, \$2,000;	
pump No. 1, \$19,000;	
pump No. 2, \$19,000;	
intake, \$5,000; auxiliary machinery, \$745;	
mains, \$129,860.95;	
hydrants, \$9,436.50;	
service taps, \$22,005.26;	
meters, \$15,693.35;	
miscellaneous equipment, \$1,683.63;	
chlorine plant, \$881.79;	
office equipment, \$173.80;	
fountains, \$28.38	\$250,920.98

\$300,111.20

Liabilities and Ownership.

Bonds outstanding, \$72,000.00;	
accrued interest, \$1,609.49;	
depreciation reserve, \$85,079.61;	
advance payments, schedule, \$1,174.71;	
profit, current year, \$3,939.07;	
ownership, \$136,308.32	\$300,111.20

Expense, Year Ending Dec. 31, 1920.

PUMPING EXPENSE:

Engineers, \$4,037.50;	
firemen, \$3,249.65;	
coal, \$7,532.37; wood, \$261.00;	
oil, \$75.37; waste, \$15.35;	
packing, \$98.00; electric light, \$213.22;	
lamps, \$20.55; tank ball, \$65	\$ 15,503.65

MAINTENANCE:

Boiler No. 1 and 2,

\$248.01; pump No. 1 and 2, \$131.79; buildings, \$86.36; mains, \$132.22; hydrants, \$392.06; grounds, \$125.95; sprinkling valves, \$38.50; services, \$114.09; meters, \$372.79; miscellaneous equipment, \$27.52; chlorine plant, \$50.03;		
	1,719.32	
GENERAL EXPENSE:		
Superintendent, \$1,642.50; clerk hire, \$690; printing, \$109.43; miscellaneous equipment, \$38.03; postage, \$48.74; fire insurance, \$137.13; depreciation, \$5,361.12; liability insurance, \$217.68; interest, \$3,367.44; reading meters, \$169.12; turn on and off, \$368.50; truck, \$65.05; chlorine, \$206.88		12,931.62
Total	\$	30,154.59
Income, Year Ending December 31, 1920.		
WATER SALES:		
Schedule rates, \$6,494.43; meter rates, \$14,158.23; sprinkling streets, \$335.00; city cemetery, \$350; Catholic cemetery, \$50.00; hydrant rental, \$9,275.00		\$ 30,662.66
REVENUE:		
Taps, \$585; installing meters, \$81; meter rental, \$1,439.50; interest on Liberty bonds, \$206.25; interest on deposits, \$1,111.57		3,423.32
Total receipts	\$	34,085.98
Total expense	\$	30,154.59
Total profit	\$	3,931.39
Additions to Plant.		
Meters, \$909.06; installing meters (labor and material, \$180.68; taps, \$867.32; meter boxes and covers, \$132.00; mains, \$387.31; grinding machine, \$1.14; hydrants, \$81.65		\$ 2,559.16
		Credit.
Old boiler tubes sold, \$7.68; profit on merchandise and labor sold, \$3,423.32; profit on water sales, \$508.07, Cr. balance..		\$ 3,931.07
		Bonds.
Extension—Amount, \$1,000; due, 11-1-1930; rate, 4 per cent; annual interest, \$40.00.		
Extension—Amount, \$10,000; due, 11-1-1930; rate 4 per cent; annual interest, \$400.00.		
Extension—Amount, \$20,000; due, 7-1-1924; rate, 4½ per cent; annual interest, \$900.00.		
Amount, \$6,000; due, 6-1-1928; rate, 4 per cent; annual interest, \$540.00.		
Amount, \$15,000; due, 4-1-1929; rate, 4¼ per cent; annual interest, \$637.50.		
Amount, \$20,000; due, 4-1-1929; rate, 4¼ per cent; annual interest, \$850.00.		
Total amount, \$72,000.		
Total annual interest, \$3,367.50.		
		Statistical Report.
Total gallons pumped, 702,805,000.		
Cubic feet pumped, (7½ gallons one cubic foot) 93,707,333.		
5 per cent slippage of pumps, 4,685,366.		
Total cubic feet delivered, 89,021,967.		
Total cubic feet water metered, 23,705,047.		
Total cubic feet schedule water, 65,316,920.		
Total expense, \$30,154.59.		
Income from metered water, \$14,158.23.		
Income from schedule water, fire hydrant, etc., \$16,504.43.		
Cost per 1,000 cubic feet to deliver, 34c.		
Income per 1,000 cubic feet metered water, 59c.		
Income per 1,000 cubic feet schedule water, 25c.		
		Inventory January 1, 1921.
Hydrants		\$ 396.24
Taps		278.16
Mains		1,191.25
Meters		452.40
Pipe and fittings		44.40
Chlorine		24.75
Meter boxes and covers,		6.00

Oil and Grease: engine		Coal on hand	1,916.96
oil, \$12.76; cylinder		Waste	19.49
oil, \$17.10; grease,		Packing	47.12
\$14.29	44.15	Boiler compound	1.78
Pumps: Pump valves...	9.36	Buildings: Roof paint,	
Boilers: Fire brick,		\$42.06; soap, \$11.65...	53.71
\$9.50; paint, \$6.46;			
soot destroyer, \$6.00..	21.96	Total	\$ 4,507.73

Department of Public Health and Welfare

Trustee's Report.

2808-f—To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan:

Gentlemen: Herewith please find Librarian's report of the Traverse City Public Library for the year 1920:

As will be seen from the report, the Library continues to maintain a high place in the educational life of the city, the patronage has increased also the circulation. There were 2,785 more books given out last year than ever before, this is partially due to allowing patrons more than one book from any one class of literature. The Juvenile circulation has increased also by 1,988 books.

The interior of the library was thoroughly decorated early last Spring and this year it will be necessary for the board to purchase new window shades.

During the past year, the board unfortunately, has had to curtail their expenses considerable along two important lines of work, namely, by purchasing fewer new books and dropping several worth while magazines from the subscription list. This was absolutely necessary on account of our appropriation not being sufficient to meet our expenses.

The price of new books has increased 50 per cent over pre-war prices, also the salaries of our staff by 52 per cent.

The board therefore hopes that your honorable body will see its way clear to grant the appropriation which we asked for when our budget was presented.

Faithfully yours,

Lee Hornsby,
Elsie C. Thirlby,
Leon F. Titus.

Librarian's Report.

To the Board of Library Trustees:

I have the pleasure of presenting to you the seventeenth annual report of the Traverse City Public Library for the year January 1st, to December 31st, 1920.

Circulation.

The year 1920 has shown a decided increase in the number of books circulated and the attendance in the reading-rooms. 30,125 books were issued from the Main Library and 13,431 from the Branch Library, making a total circulation of 43,556 volumes, an increase of 2,785 over the year 1919.

The increase in circulation is partly due to the fact that we now allow two books of fiction and two from any of the classes to circulate on one card, while heretofore we only allowed one book of fiction and one book from any of the classes to circulate on a card. This new ruling is much appreciated by the patrons of the library. This rule however only applies to the adult readers. The former rule still holds in regard to the issuing of children's books.

Reference Work.

Each year the library sees an increase in the demands upon it for help in the reference work. Students looking for material to help with their debates, club members looking for material to help in the preparation of their club papers, are only a few of the demands made upon us for help in this department.

The following are some of the new books purchased to help in this work:

American Year Book 1919.

Dyke's Automobile and Gasoline Engine Encyclopedia.

Ogg, F. A.—Governments of Europe.

Ploetz Manual of Universal History.

Roberts—Cyclopaedia of Social Usage.

Scientific American Cyclopaedia of Formulas.

Statesman's Year-Book.

University Debaters' Annuals—4 volumes.

15,458 persons have visited the reading rooms, showing an increase of 1,523 over the previous year.

Books.

During the year 570 new books were purchased for the Main Library and 161 for the Oak Park Branch Library.

The rising increase in the price of most of the new books and also the delay in shipping the books have hindered in adding new books to the library as fast as we desired.

Work With the Children.

10,310 children's books were issued this year at the Main Library and 5,640 from the Branch Library. Showing an increase of 1,988 over the previous year.

As it has been our custom for several years, we again sent 100 children's books to the Boardman School Library changing them twice during the school year. 1,230 books were circulated from this school building, making the total number of children's books issued 17,180.

Branch Library.

Our Branch Library, located in the Fifth Ward Hall, corner Rose and Washington streets, is well patronized by the residents of that part of the city. The library contains but 2,255 volumes and had a total circulation of 13,431 volumes for the year. 4,057 enjoyed the privileges of the reading room.

Conventions.

May 24th, the librarian attended a meeting of the Traverse Bay Region Round Table at Petoskey. September 16, 17 and 18, the librarian and her two assistants, the Misses Evelyn Hammond and Edna LaFranier, attended the

thirtieth annual meeting of the Michigan Library Association at Petoskey.

Staff.

The first of July the librarian and her assistant, Miss Evelyn Hammond, were granted a two month's leave of absence, to permit them to take the six weeks' summer course in library economy at Columbia University.

During their absence Miss Edna LaFranier, assistant librarian, and Mrs. Lee Hornsby, Oak Park librarian, had charge of the Main Library. Miss Ruth Hornsby had charge of the Oak Park Library.

The first of December Miss Edna LaFranier, assistant librarian, resigned her position to accept a position in Grand Rapids Public Library. Miss Terese O'Connor accepted the position left vacant by Miss LaFranier's resignation.

Auditorium Room.

This year the auditorium room has been used by the Woman's Club, City Federation of Clubs, Ministerial Association, High School Girls' Club, two High School Debating Societies, Camp Fire Girls and the Delphian Society.

Gifts.

24 books, several magazines and numerous leaflets and pamphlets have been the gifts to the library the past year.

We are indebted to the Herald and Record Company for a daily copy of the Record-Eagle. Also for their kindness in printing lists of our new books.

Future.

The Library opens the new year with promise of expansion in all its various departments.

In closing, I wish to express my appreciation of the interest and cordial co-operation of the Board of Library Trustees and of the fine spirit of loyalty and service shown by the members of the library staff.

Respectfully submitted,

Alice M. Wait,
Librarian.

Statistical Report.

Number of books issued by classes:

Main Library—Fiction, 15,838; philosophy, 125; religion, 71; sociology, 187; philology, 10; natural science, 114; useful arts, 292; fine arts, 414; literature, 429; history, 547; travel, 268; biography, 237; general works and bound magazines, 1,283. Total, 19,815.

Oak Park Branch—Fiction, 6,093; religion, 1; sociology, 26; natural science, 5; useful arts, 159; fine arts, 19; literature, 34; history, 116; travel, 39; biography, 6; general works and bound magazines, 1,293. Total, 7,791.

Total number of adult books issued, 27,606.

Number of Juvenile books issued by classes:

Main Library—Juvenile fiction, 8,287; philosophy, 1; religion, 40; sociology, 753; philology, 13; natural science, 156; useful arts, 88; fine arts, 93; literature, 261; history, 127; travel, 92; biography, 102; general works and bound magazines, 297. Total, 10,310.

Oak Park Branch—Juvenile fiction, 4,492; philosophy, 5; religion, 20; sociology, 266; philology, 9; natural science, 83; useful arts, 30; fine arts, 29; literature, 151; history, 72; travel, 1; biography, 8; general works and bound magazines, 474. Total, 5,640.

Total number of Juvenile books issued, 15,950.

Total number of adult and juvenile books issued, 43,556.

Boardman School Library, number of books issued, 1,230.

Total number of books issued, 44,786.

Number of volumes in the library by classes:

Main Library—Fiction, 3,423; philosophy, 140; religion, 241; sociology, 462; philology, 45; natural science, 370; useful arts, 386; fine arts, 250; literature, 909; history, 882; travel, 412; biography, 384; general works and bound magazines, 1,509; crochet books, 117; Michigan documents, 432; Michigan pamphlets, 29; U. S. documents, 556; U. S. pamphlets, 3, 195; U. S. geologic atlases,

234; art collections, 4; stereoscope travels, 6. Total 14,886.

Total number of adult books in the library, 16,134.

Oak Park Branch—Fiction, 709; philosophy, 9; religion, 23; sociology, 19; philology, 9; natural science, 22; useful arts, 22; fine arts, 4; literature, 93; history, 115; travel, 73; biography, 41; general works and bound magazines, 100; crochet books, 9. Total, 1,248.

Number of juvenile books in the library by classes:

Main Library—Juvenile fiction, 1,481; religion, 34; sociology, 103; philology, 2; natural science, 54; useful arts, 40; fine arts, 32; literature, 74; history, 63; travel, 63; biography, 68; general works, 166. Total, 2,180.

Oak Park Branch—Juvenile fiction, 724; philosophy, 3; religion, 7; sociology, 46; philology, 1; natural science, 44; useful arts, 12; fine arts, 10; literature, 36; history, 29; travel, 37; biography, 20; general works, 38. Total, 1,007.

Total number of juvenile books in the library, 3,187.

Total number of books in the library, 19,321.

Number of adult books added this year by classes:

Main Library—Fiction, 119; philosophy 5; religion, 5; sociology, 42; natural science 11; useful arts, 32; fine arts, 13; literature, 11; history, 20; travel, 27; biography, 15; general works and bound magazines, 11. Total, 411.

Oak Park Branch—Fiction, 71; useful arts, 6; literature, 2; travel, 1; biography, 1; general works and bound magazines, 12. Total, 93.

Total number of adult books purchased this year, 504.

Number of juvenile books added this year by classes:

Main Library—Juvenile-fiction, 72; sociology, 2; natural science, 2; literature, 2; history, 1; biography, 1; general works, 79. Total, 159.

Oak Park Branch—Juvenile fiction, 60; useful arts, 1; fine arts, 1; general works, 6. Total, 68.

Total number of juvenile books added this year, 227.

Total number of books purchased, 731.

Number of persons visiting the reading rooms:

Main Library—Men, 2,696; women, 2,052; children, 6,753. Total, 11,401.

Oak Park Branch—Men, 381; women, 470; children, 3,206. Total, 4,057.

Total number of persons visiting the reading rooms, 15,458.

Number of patrons for the Main Library, 2,533.

Number of patrons for the Branch Library, 511.

Number of books rebound for the two libraries, 297.

Number of magazines bound for the two libraries, 270.

Main Library—Magazines purchased, 74; magazines donated, 9; newspapers purchased, 3; newspaper donated, 1.

Oak Park Branch—Magazines purchased, 21.

Main Library—Number of books worn out, 26; number of books destroyed, 9; number of books lost, 188.

Oak Park Branch—Number of books worn out, 7; number of books destroyed, 8; number of books lost, 9.

Total number of books lost, destroyed because of contagious disease and worn out, 247.

Rental Collection.

Number of books in the rental collection January 1st, 1920, 22.

Number of new books added during the year, 14.

Total number of books in the rental during the year, 36.

Number of books withdrawn from the rental during the year, 16.

Number of books lost during the year, 3.

Number of books in the rental January 1st, 1921, 17.

Amount of money spent for new books for the rental during, 1920, \$23.36.

List of Donors.

American Business Men, Committee of

Anti-Defamation League.

Armour and Company.

Bacon, Mr. George W.

Bureau of Literary Service.

Carnegie Endowment for International Peace.

Chicago Association of Commerce.

Chicago Daily News.

Columbia University.

Curtis Publishing Company.

Davis, Walter W.

Dearborn Publishing Company.

Dennison Manufacturing Company.

Department of the Interior.

Detroit Steel Products Company.

Doubleday Page & Company.

Farm Mortgage Bankers Association of America.

Friends of Irish Freedom.

General Electric Company.

Guaranty Trust Company.

Gordon Van Tine Company.

Grand Rapids Public Library.

Haskin, Mr. Frederic J.

Houghton Mifflin Company.

Howe, Maud.

Italian-American News Bureau.

Japanese Association of America.

Job Winslow Chapter, D. A. R.

Kahn, Otto H.

Lindsay, Mr. Samuel M.

Michigan Historical Commission.
Michigan Poster Advertising Association.

Michigan, Secretary of State.

Mulford, H. K. Company.

National Automobile Chamber of Commerce.

National Board of the Y. W. C. A.

National Catholic Welfare Council.

National Lutheran Council.

National Polish Committee of America.

New York National City Bank.

New York Stock Exchange.

Philadelphia Rapid Transit Company.

Phillippine Press Bureau.

Remington Typewriter Company.

Reuben H. Donnelley Corporation.

Revercraft, John.

Salt Lake City, Public Library.

Savannah, Georgia-Public Library.

Straus, Mrs. Nathan.

Swift & Company.

The Allerey Press.

Thom, Mr. Alfred P.
 Todd, Mr. Albert M.
 United Mine Workers of America.
 University of Michigan, Library.
 Webster, Geo. N.
 Western Reserve University.

Electric Light and Power Dept.

Jan. 31, 1921.

Mr. J. W. Patchin, Commissioner
 of Public Health and Welfare:

2808-g—Dear Sir: In handing you
 my report on the Electric Light
 and Power Department for the
 year ending December, 1920, you
 will see that the plant has done
 fairly well in maintaining itself.

We did a lot of new work dur-
 ing the year, built three miles of
 new line, removed from the lines
 20,000 feet of iron wire, and re-
 placed it with copper wire.

Our improvements are as fol-
 lows:

Extensions on pole line...	\$3,274.50
Extensions to street	
lights	499.16
Distribution lines	1,602.72
New meters	921.20
Transformers	1,547.46
Office furniture	23.50

\$7,868.54

After paying operating expenses,
 taxes, interest and all other
 charges, our net profit from the
 current sold is \$11,662.24.

Respectfully submitted,

William Love,
 Superintendent.

Assets.

Cash on hand	\$ 10,158.13
Accounts receivable ...	11,240.39
Inventories:	
Store	4,011.39
Lamps	1,294.11
Insurance	16.95
Poles	1,199.20
Liability insurance ...	119.11
Plant	186,731.45
Buildings	3,177.61
Dynamos and switch	
board	13,048.15
Water wheel	9,180.80
Dam and flumes	38,599.58
Pole line	18,289.61
Arc lights	9,712.74
Transformers	13,830.29

Meters	9,336.07
Tools	193.52
Sub station	8,839.86
Office furniture and fix- tures	670.20
Distribution lines	36,845.71
Land	22,690.40
Office building	1,500.00
Fish ladder	816.90
Sinking fund	24,104.90
Liberty bonds	5,000.00
Automobile	365.63
Truck	493.75

\$244,735.01

Liabilities.

Bonds	\$125,000.00
Interest	442.77
Accounts payable	481.85
Deposits for current ...	384.00

\$126,308.62

Income—Current.**Current Sold:**

Metered	\$ 24,139.27
Schedule	8,936.29
Power	7,710.48

\$ 40,786.29

Expense:

Station	\$ 6,122.06
Outside	6,364.46
General	16,637.53

\$ 29,124.05

Profit	\$ 11,662.24
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Wiring.

Receipts	\$ 8,383.95
Expense, material, \$5,- 567.28; labor, \$2,- 548.10	8,115.38

Profit	\$ 268.57
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Store.

Inventory December 31, 1919	\$ 4,708.62
Goods bought	7,799.17

Total	\$ 12,507.79
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Sales, 1920	\$ 8,496.40
On hand December 31, 1920	4,011.39

Lamps.

Inventory December 31, 1919	\$ 1,736.45
Lamps bought	2,752.10

Total	\$ 4,488.55
-------------	-------------

Lamp sales, 1920	\$ 3,194.44
On hand December 31, 1920	1,294.11

Store and Lamps.		Cr.	
Income	\$ 12,525.48	Old accounts paid in....	\$ 16.24
Expense	10,988.03	Sale of junk	11.00
		Rent of land	75.00
Profit	\$ 1,537.45	Interest on deposit	494.04
Expense, 1920.		Interest on bonds	673.75
Station:		Interest on sinking fund,	198.80
Labor	\$ 3,603.69	Discount on bonds	2,229.70
Grounds	724.38	Wiring profit	268.57
Dynamos and switch		Store profit	1,537.45
boards	325.72	Current profit	11,662.24
Water wheel	243.79		
Dam and flumes	563.03		\$ 17,166.79
Tools	170.47		1,420.81
Oil and waste	78.87		
Sub station	147.93	Net profit 1919	\$ 15,745.98
Miscellaneous	264.18	Inventory.	
		Plant.	
	\$ 6,122.06	Inventory December 31,	
Outside:		1919, \$178,862.91;	
Pole line	\$ 2,877.31	less depreciation, \$3,-	
Street light	767.90	846.48	\$175,016.43
Incandescent	31.76	Improvements:	
Meters	74.21	Pole line, \$3,274.50;	
Transformers	89.98	distribution line, \$1,-	
Renewals	2.50	602.72; meters, \$921.-	
Shop	300.60	.20; furniture and fix-	
Reading meters	446.59	tures, \$23.50; trans-	
Trouble	1,773.61	formers, \$1,547.46;	
		St. lights, \$499.16....	7,868.54
	\$ 6,364.46		
General:			\$182,884.97
Office labor	\$ 1,360.00	Bonds Outstanding.	
Supplies	367.02	Dec. 31, 1920.	
Interest	5,312.52	Nos. 1-90 and 115-150; rate 4½	
Insurance	24.19	per cent; amount, \$10,000.00; to-	
Taxes	479.69	tal, \$125,000.00. Due June 1, 1932.	
Soliciting business ..	280.35		
Superintendence	1,953.87		
Depreciation	4,206.48		
Office expense	173.40		
Liability insurance ..	876.91		
Donations	34.40		
Lights	165.79		
Auto	443.54		
Janitor	390.00		
Truck	569.37		
	\$ 16,637.53		
Profit and Loss.			
Dr.			
Breakage lamps	\$ 200.00		
Losses in store	774.62		
Old accounts charged			
off	53.16		
Loss on installation....	3.47		
Old arc lamps	375.00		
Pipe thawing	14.56		
	\$ 1,420.81		

Dec. 31, 1920.
2808-h—John W. Patchin, Commis-
sioner of Public Health and
Welfare:

Dear Sir:

I am pleased to submit the fol-
lowing report covering operations
at the cemetery for the year 1920,
together with an inventory of all
tools and equipment for the same.

You will notice that the amount
we receive for the care of lots is
increasing every year. Vacating
Hannah avenue between the old
and new parts of cemetery is go-
ing to add greatly to the appear-
ance of the cemetery.

Permanent improvements have
been made as follows:

Set out 25 shade trees.

Graded 2 blocks in new ceme-
tery.

Graded 25 single lots.	3 axes	3.00
Raised all the sod we used.	4 steel rakes	2.00
Graves dug 162.	3 lawn rakes	1.00
Received for care of lots,	4 shovels	2.50
\$1,909.90.	2 spades	1.00
Lots sold, \$1,556.02.	2 pair pruning shears	2.00
Pertetual care, \$400.00.	2 pipe wrenches	2.00
Respectfully,	4 scythes	4.00
C. S. Gabriel,	15 iron benches	20.00
Sexton.	20 wooden benches	20.00
Inventory of cemetery equipment	1 wagon	10.00
December 31st, 1920:	3 ladders	6.00
1,750 ft. of $\frac{5}{8}$ inch hose.\$ 210.00	Sleighs	10.00
4,000 ft. of $\frac{3}{4}$ inch hose.. 320.00	1 sod cutter .....	.75
6 cycles	1 level	1.50
1 crow bar	Miscellaneous articles ...	72.75
5 grave linings	House, lot, barns, tool	
1 canvas dirt cover	sheds	2,000.00
110 sprays		
2 lawn mowers		
		<hr/>
		\$2,728.00

Department of Public Works and Property

Department of Public Works And Property.

To the Mayor and Commissioners,
Traverse City, Mich.

2808-c—Gentlemen: I hereby make a report of the work done in my department during the year, 1920:

Bridges.

Eighth, Cass and Union street bridges were re-surfaced with tarvia, and a railing was built on Eighth street bridge.

Parks.

New stone and cement steps were built at Hannah Park. A plot of ground surrounded with stone wall, for flowers and shrubbery, was built on North Cass street park.

A comfort station is being built, and is now under construction.

Sewers.

300 feet of sanitary sewer was laid on West Front street.

West Side creek was gone over and cleaned of all rubbish. We have no trouble with creek overflowing its banks since it was straightened and cleaned.

There have been quite a lot of general repairs on the sewers.

Streets.

Re-surfaced Webster, Eighth street, West Front street and Elmwood avenue, south with tarvia; re-surfaced with gravel all gravel roads; scarified Eighth (east) twice and rolled; two carloads of calcium chloride were spread on street.

About 500 feet of cement sidewalk was built in front of the Fair grounds. Cement walks were repaired as much as possible.

All streets and alleys were cleaned of ashes and rubbish. Quite a lot of sand was hauled off the gravel pit to enable us to reach the

gravel. It cost over \$400.00 more in 1920 than in 1919.

I would recommend that a new fence be built on South Cass street near P. M. track and entrance to Golf Grounds.

Respectfully submitted,

W. T. Roxburgh,

Commissioner of Public Works and Property.

Jan. 25, 1921.

To W. T. Roxburgh, Commissioner of Public Works and Property:

Dear Sir:

I present herewith the annual report of the City Weighmaster for the fiscal year beginning January 1, 1920, and ending December 31, 1920.

Total number head of stock weighed 1,096, consisting of:

Cattle, 380; hogs, 381; horses, 212; sheep, 118; mules, 5.

Loads of Grain.

Corn, 78; corn in fodder, 3; dye, 40; oats, 25; wheat, 20.

Vegetables and Fruit.

Potatoes, 1,343; turnips, 4; cabbage, 3; carrots, 2; apples, 198; cherries, 2.

Poultry.

No of turkeys, 270; crates of chickens, 22.

Dressed Meats.

Hogs, 35½; quarters dressed beef, 168; fur, fox farm, 5 loads.

Miscellaneous Loads Weighed.

Coal, 3,341; coke, 785; manure, 241; hay, 223; straw, 19; automobiles, 181; motorcycles, 1; trailers, 14; auto supplies, 2; paper, 198; iron, 172; rubber, 10; rags, 3; household goods, 42; tan bark, 27; wagons, 10; bones, 11; salt, 4; ice, 6; gravel, 6; ashes, 1; moulding sand, 3; wire, 2; battery plates, 4; wood, 5; lumber, 4; arsenate of lead, 1; sanding machines, 1; plaining machines, 1; stoves, 1; ox

teams, 1; cider presses, 2; cash registers, 1; garbage, 1; pitch, 1; tools, 1; crates, 1; deer, 1; brick, 1; marl, 1; watertanks, 1.	1 trestle	3.00
Gross receipts for year, \$743.20.	6 trestles for barricades,	1.80
Net cash for year \$742.20.	2 scrapers	6.00
Respectfully submitted,	1 scraper chain	4.50
Fred J. Robinson,	2 blocks and tackle	12.00
Weighmaster.	6 concrete tampers	6.00
	1 vise	4.00
	2 axes	1.50
	1 pump and pipe	6.00
	5 sledges	3.00
	7 hydrant wrenches	1.75
Inventory General Street Prop-	1 heavy wagon	50.00
erty, January 1, 1921:	1 road grader	125.00
East Bay park\$ 1,500.00	2 levels	1.50
Land corner Cass and	2 hand screens	3.00
Washington streets ..	3 pails	1.50
Lots adjoining Sunset	2 sets sidewalk finishing	
park	tools	2.00
Bay street tool house	2 squares .....	.80
and lot	1 mixing box	1.00
Lake Avenue park	1,100 feet $\frac{3}{4}$ inch pipe,	40.00
Gravel pit (20) acres ..	2 pipe wrenches	2.00
Third Precinct building	1 brick trowel .....	.50
and lot	1 hose repair outfit ....	.50
Second Precinct building	1 monkey wrench .....	.40
and lot	1 leveling scraper	2.00
Fifth Precinct building	2 slush boxes	4.00
and lot	1 leveling block	1.00
Market site, including	1 heavy tamper	2.00
tool house and weigh	2 cant hooks	1.50
office	1 set leveling pins	1.00
Hannah park	1 hand level	1.00
Sunset park	5 pole axes	2.50
Peninsula Street park ..	2 pairs brick tongs	2.50
Bay Street park	2 pinch bars	1.50
Dumping grounds	1 tarpaulin	5.00
6 sprinklers	3 1-gallon oil cans ....	.50
1 steam power mixer ..	1 pair of tongs for rais-	
1 steam roller	ing walks	5.00
1 steam engine	1 handy wagon	24.00
1 steam grader	1 plow	16.00
1 truck wagon	1 breakup plow	20.00
2 dump wagons	1 gasoline cement mixer,	200.00
9 snow plows	400 set garden hose	20.00
1 trench pump and hose,	5 dozen C. B. G.	
60 trench jacks	sprinklers	8.75
18 isdewalks frames ..	2 iron garden rakes	1.50
Paving bricks	3 sickles	1.00
2 crow bars	30 snow shovels	15.00
6 picks	2 garden spades	1.50
8 lanterns	1 wrench	1.50
10 hoes	4 wheelbarrows	4.00
20 pavement scrapers ..	40 lawn seats	30.00
2 hand saws	2 tarvia kettles	200.00
2 mattocks	6 tarvia cans	6.00
1 cross saw	1 brace and 3 bits	2.00
4 hammers	2 pair sleighs	75.00
1 sewer rod	6 potato forks	6.00
1 oil distributor	30 feet 12 inch tile.....	7.50
18 barrels tarvia	122 feet 15 inch tile ...	48.80
4 trestles		

800 feet 4 inch tile	32.00	1 expansioner	10.00
1 writing desk	15.00	2 pair rubber boots	5.00
3 chairs	3.00	1 pile driver	400.00
21 No. 2 shovels	10.00	104 feet 15 inch tile	62.40
1 grindstone	2.50	38 feet 10 inch tile	13.30
1 set heavy harness	50.00	1 scarifier	415.00
3 horses	900.00		
1 truck	2,000.00		
1 heating stove	15.00	Total	\$ 60,764.40
1 flusher	900.00		Jan. 2, 1921.

THE LIBRARY OF THE

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ANNUAL REPORTS

of the

City of Traverse City

Michigan



THE UNIVERSITY OF MICHIGAN

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LIBRARY OF THE UNIVERSITY OF MICHIGAN

For the Year Ending December 31, 1921

ANNUAL REPORTS

of the

City of Traverse City

Michigan



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For the Year Ending December 31, 1921

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Memorandum

Department of Public Health and Welfare

F. P. BOUGHEY, Commissioner

To the Mayor and Commissioners,
Traverse City, Michigan.

Gentlemen:

I hereby present for your consideration the reports of the Electric Light and Power Dept., the Library and Cemetery Departments for the year 1921.

Respectfully,

Fred P. Boughey,
Commissioner of Public Health
and Welfare.

Mr. F. P. Boughey, Commissioner
of Public Health and Welfare.

Dear Sir:

I herewith submit the annual report of the Electric Light & Power Department, for the year ending December 31, 1921. I hope that you will find it satisfactory, as it gives a profit, after all charges are paid, of \$16,327.36.

In as much as we expect to operate the Keystone plant and the Brown Bridge Plant as one department in the future, I will glance back over the three years during which I have had charge of this department. I would like to have all of our citizens who are deeply enough interested, go over this report carefully, and see for themselves what has been accomplished by our little plant at Keystone during that time.

During 1919 we spent \$5,800.00 out of the earnings to replace broken and worn out parts which

could not be charged to extensions or improvements, merely replacements.

The following few items show how much we have spent for extending our lines, and making other improvements, and how much we have added to our cash funds:

Cash on hand and sinking fund
December 31, 1921, \$51,650.45.

Cash on hand and sinking fund
December 31, 1918, \$24,458.17.

Cash gain in three years,
\$27,192.28.

Plant inventory December 31,
1921, \$186,499.21.

Plant inventory December 31,
1918, \$171,369.68.

Plant gain in three years,
\$15,129.53.

Replacements made 1919 of worn
out parts, \$5,800.00.

Gain in cash and sinking fund,
\$27,192.28.

Gain in plant inventory, \$15,-

Yours very truly,

William Love,
Superintendent.

REPORT OF ELECTRIC LIGHT & POWER DEPTS., 1921

Assets.

Cash on hand	\$ 5,699.04
Accounts receivable ...	12,775.57

INVENTORIES:

Store	1,745.37
Lamps	998.53
Insurance	27.64
Poles ...	1,325.00
Liability insurance...	315.89

\$190,623.97

PLANT:

Buildings	\$ 3,177.61
Dynamos and switch board	13,048.15
Water wheel	9,180.80
Dam and flume	38,599.58
Pole line	18,699.12
Arc lights	10,082.22
Transformers	14,868.74
Meters	10,007.92
Tools	193.52
Sub station	8,839.86
Office furniture and fixtures	670.20
Dist. lines	38,248.95
Land	22,690.40
Office building	1,500.00
Fish ladder	816.90
Sinking fund	45,951.41
Automobile	493.92
Truck	1,815.52
Brown Bridge construction	3,470.23
	<u>\$265,212.09</u>

Liabilities.

Bonds	\$125,000.00
Accounts payable	312.64
Interest, (1 month due)	442.79
Accrued taxes	272.19
Deposits for current....	426.34
	<u>\$126,453.96</u>

INCOME.**Current.**

Current sold, metered..	\$ 27,568.53
Schedule	9,249.49
Power	6,931.84
	<u>\$ 43,749.86</u>
Expense: Station	\$ 5,251.44
Outside	6,023.22
General	17,333.71
	<u>\$ 28,608.37</u>
Profit	\$ 15,141.49

Wiring.

Receipts	\$ 2,817.09
Expense, Material, \$2,004.36; labor, \$618.80	2,623.16
	<u>193.93</u>
Profit	

Store.

Inventory December 31, 1920	\$ 4,011.39
Goods bought	2,921.15
	<u>Total</u>
	\$ 6,935.54
Sales 1921	\$ 5,187.17
On hand December 31, 1921	1,745.37

Lamps.

Inventory December 31, 1920	\$ 1,294.11
Lamps purchased	1,497.85
	<u>Total</u>
	\$ 2,791.96
Sales 1921.....	\$ 1,793.43
On hand December 31, 1921	998.53

Store and Lamps.

Income	\$ 7,406.15
Expense	6,847.98
	<u>Profit</u>
	\$ 558.17

Expense.**STATION:**

Labor	\$ 3,811.86
Grounds	693.90
Dynamo and switch board	280.40
Water wheel	11.97
Tools	126.68
Oil and waste	29.52
Sub station	5.00
Miscellaneous	292.11
	<u>\$ 5,251.44</u>

OUTSIDE:

Pole lines	\$ 3,314.23
Street lights	532.51
Incandescent lights...	26.97
Meters	65.22
Transformers	118.35
Shop	158.25
Reading meters	444.70
Trouble	1,362.99
	<u>\$ 6,023.22</u>

GENERAL:

Office labor	\$ 1,905.57
Supplies	186.76
Interest	5,312.52
Insurance	24.71
Taxes	516.90
Soliciting business...	31.00

Superintendence	2,087.05
Depreciation	4,764.76
Office expense	152.06
Liability insurance... .	828.25
Donations	45.07
Lights	166.71
Automobile	453.79
Janitor	390.00
Truck	469.36

\$ 17,333.71

Profits and Loss.

Dr.

Old accounts charged off	\$ 363.39
Breakage and loss on lamps	158.15
Loss on poles, new prices	306.76
Loss on sale of stock..	970.78
Loss on exchange of truck	79.25
Loss on exchange of Ford	65.63
	\$ 1,943.96

Cr.

Junk sold	12.20
Rebate on gasoline . . .	10.00
Meter cards sold	1.40
Pole rental	53.80
Old account paid . . . .	.91
Interest on bonds.....	1,790.05
Interest on daily deposits	435.30
Profit on purchase of bonds	56.46
Wiring profit	193.93
Pipe thawing . . . . .	.46
Store profit	575.32
Current profit	15,141.49
	\$ 18,271.32

Net profit 1921\$ 16,327.36

INVENTORY.

Plant.

Inventory December 31,, 1920	\$186,731.45
Less depreciation	4,124.76
	\$182,606.69

IMPROVEMENTS.

Meters	\$ 671.85
Distribution lines	1,403.23

Street lights	369.48
Pole line	409.51
Transformers	1,038.45

\$ 3,892.52

\$186,499.21

Bonds Outstanding Dec. 31, 1921.

Nos. 1-90 and 115-150; rate, 4½ per cent; amount, \$10,000.00; total, \$125,000.00. Due June 1, 1932.

TRUSTEES' REPORT.

To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan.

Gentlemen: Herewith please find the Librarian's report of the Traverse City Public library for the year 1921:

The Librarian has prepared an excellent detailed report of the work, and very little can be added by the Trustees.

We would like to call your attention to the increased circulation over that of last year, there were 7,743 more books issued than in the previous year. Also nearly 2,000 more people used the reading rooms during the past year then heretofore.

The library besides being a great benefit to individual citizens also renders an indispensable service to the schools and all educational societies in the city.

Faithfully yours,

Lee Hornsby,
Leon F. Titus,
Elsie C. Thirlby.

Librarian's Report.

To the Board of Library Trustees:

I have the pleasure of presenting to you the eighteenth annual report of the Traverse City Public Library for the year January 1st, to December 31st, 1921.

Circulation.

52,529 books were circulated during the year showing an increase of 7,743 over the year 1920.

As our library is the only large library in the Grand Traverse Region, it has always been the policy of the library to extend the library service to any resident of the county free of charge. The past year has seen many more of the rural residents taking advantage of this service.

Reference Work.

17,784 visited the reading rooms during the year. Many regular patrons come to consult the newspapers and current magazines.

The resources of the library are called upon repeatedly for material in the preparation of papers, by club members, debating teams and for school work.

Work With the Children.

The circulation of Children's books was 16,662 showing an increase of 712 over the previous year. Many new books and replacements have been made in the Children's room. The books show hard wear, testifying to the value of this department.

As usual we sent 100 Children's books to the Boardman and Elmwood Avenue School's. 1,764 books were circulated from these two schools.

Branch Library.

Our branch library continues to give good service to the residents of that section of the city. The library contains 2,595 volumes. 15,194 books and magazines were circulated during the year. 4,494 visited the reading room.

Conventions.

May 27th the librarian attended a meeting of the Traverse Bay Region Round Table at Cadillac.

October 5, 6 and 7 the librarian and her assistant, Miss Evelyn Hammond, attended the thirty-first annual meeting of the Michigan

Library Association in Detroit. Auditorium Room.

The auditorium room continues to be in great demand by the educational societies of the city. The Woman's club, City Federation of Clubs, Ministerial Association, Athenian Debating Society of the High School, Child Conservation League and the Civic League are some of the patrons for the year.

Staff.

The working force of the library remains the same as last year.

Gifts.

51 books, several magazines and numerous leaflets and pamphlets were the gifts to the library during the year.

We are indebted to the Herald and Record Company for a daily copy of the Record-Eagle.

Future.

The library opens the new year with promise of expansion in all its various departments.

In closing I wish to express my appreciation to the Library Trustees for their interest and cordial co-operation and to my assistants for their loyalty and service.

Respectfully submitted,

Alice M. Wait,
Librarian.

Statistical Report.

Number of adult books issued by classes: :

Main Library—Fiction, 20,207; philosophy, 142; religion, 64; sociology, 277; philology, 9; natural science, 126; useful arts, 505; fine arts, 563; literature, 870; history, 439; travel, 387; biography, 236; general works and bound magazines, 1,164. Total, 24,989.

Oak Park Branch—Fiction, 7,188; philosophy, 1; religion, 2; sociology, 30; philology, 1; natural science, 4; useful arts, 241; fine arts, 17; literature, 50; history, 109; travel, 84; biography, 13; general works and bound magazines, 1,374. Total, 9,114.

Total number of adult books issued, 34,103.

Number of Juvenile books issued by classes:

Main Library—Juvenile fiction, 8,245; philosophy, 1; religion, 57; sociology, 817; philology, 15; natural science, 135; useful arts, 120; fine arts, 86; literature, 268; history, 135; travel, 108; biography, 92; general works, 503. Total, 10,582.

Oak Park Branch—Juvenile fiction, 4,774; philosophy, 2; religion, 11; sociology, 306; philology, 18; natural science, 113; useful arts, 35; fine arts, 38; literature, 140; history, 105; travel, 10; biography, 48; general works, 480. Total, 6,080.

Boardman School library, 814.

Elmwood School library, 950.

Total number of Juvenile books issued, 18,426.

Total number of books issued, 52,529.

Number of volumes in the library by classes:

Main Library—Fiction, 3,573; philosophy, 146; religion, 246; sociology, 492; philology, 47; natural science, 349; useful arts, 405; fine arts, 262; literature, 948; history, 870; travel, 426; biography, 408; general books and bound magazines, 1,407; crochet books, 115; Michigan documents, 486; Michigan pamphlets, 1,018; U. S. documents, 449; U. S. geologic atlases, 237; U. S. pamphlets, 5,077; art collections, 4; stereoscope travels, 6. Total, 16,971.

Oak Park Branch—Fiction, 939; philosophy, 11; religion, 18; sociology, 20; philology, 11; natural science, 22; useful arts, 41; fine arts, 4; literature, 99; history, 122; travel, 73; biography, 43; general works and bound magazines, 121; crochet books, 9. Total, 1,533.

Total number of adult books, 18,504.

Number of Juvenile books in the library by classes:

Main Library—Juvenile-fiction, 1,495; religion, 32; sociology, 106; philology, 3; natural science, 74;

useful arts, 40; fine arts, 35; literature, 85; history, 63; travel, 81; biography, 71; general works, 162. Total, 2,247

Oak Park Branch—Juvenile-fiction, 754; philosophy, 3; religion, 11; sociology, 51; natural science, 47; useful arts, 12; fine arts, 10; literature, 36; history, 31; travel, 36; biography, 21; general works, 50. Total, 1,062.

Total number of Juvenile books, 3,309.

Total number of volumes in the library, 21,813.

Number of Adult books added this year by classes:

Main Library—Fiction, 163; philosophy, 7; religion, 7; sociology, 32; philology, 2; natural science, 8; useful arts, 15; fine arts, 22; literature, 54; history, 11; travel, 14; biography, 16; general works and bound magazines, 66. Total, 417.

Oak Park Branch—Fiction, 82; philosophy, 2; religion, 1; sociology, 2; philology, 2; useful arts, 8; literature, 2; history, 1; travel, 2; biography, 2; general works and bound magazines, 5. Total, 109.

Total number of Adult books added this year, 526.

Number of Juvenile books added this year by classes:

Main Library—Juvenile fiction, 60; sociology, 11; philology, 3; natural science, 5; useful arts, 2; fine arts, 1; literature, 1; history, 1; biography, 1; general works, 9; Total, 94.

Oak Park Branch—Juvenile fiction, 51; sociology, 2; natural science, 1; literature, 1; biography, 1; general works, 4. Total, 61.

Total number of new Juvenile books, 155.

Total number of new books added this year, 681.

Reading Rooms.

Number of persons visiting the reading rooms:

Main Library—Men, 4,548; women, 2,968; children, 5,774. Total, 13,290.

Oak Park Branch—Men, 461; women, 673; children, 3,360. Total, 4,494.

Total number of visitors in the reading rooms, 17,784.

Number of patrons for the Main Library, 3,150.

Number of new patrons for the year 1921, 617.

Number of patrons for the Branch Library, 670.

Number of new patrons for the year 1921, 168.

Number of books rebound for the two libraries, 381.

Number of magazines bound for the two libraries, 109.

Main Library—Magazines purchased, 67; magazines donated, 11; newspapers purchased, 3; newspapers donated, 8.

Oak Park Branch—Magazines purchased, 19; magazines donated, 5.

Main Library—Number of books lost, 40; number of books worn out, 72; number of books destroyed, 5.

Oak Park Branch—Number of books lost, 33; number of books worn out, 26; number of books destroyed, 13.

Total number of books lost, worn out and destroyed because of contagious diseases, 189.

Rental Collection.

Number of books in the rental collection January 1st, 1921, 17.

Number of new books added during the year, 18.

Total number of books in the rental during the year, 35.

Number of books withdrawn from the rental during the year, 13. 22.

Number of books lost during the year, 1.

Total number of books in the rental January 1st, 1922, 21.

Amount of money collected from the rent of the books and used to purchase new books for the collection \$50.50.

List of Donors.

American Committee of Justice.
 American Federation of Labor.
 American Luther League.
 Anti-Deformation League.
 Armour & Company.
 Bankers' Trust Company.
 Bardwell, Mrs. Octavia.
 Battle Creek Sanitarium.
 Bernstein, Herman.
 Brusie, Mrs. George.
 Bureau of Social Hygiene.
 Carnegie Endowment for International Peace.
 Chassell, E. D.
 Colgate and Company.
 Current Opinion.
 Davison, Mrs. Henry P.
 Dean, W. W.
 Dearborn Publishing Company.
 Dennison Manufacturing Co.
 DuPont, E. I. and Company.
 Farm Mortgage Bankers' Association of America.
 Felt and Tarrant Manufacturing Company.
 Ford, Henry.
 Frear, James A.
 Friends of Irish Freedom.
 Gibbs, Miss Edith.
 Green, J. W.
 Guaranty Trust Company.
 Harper and Brothers.
 Hercules Powder Company.
 Hunter, Mrs. Fred.
 Japanese Association of America.
 Kahn, Otto H.
 Knights of Columbus Historical Commission.
 Lee, I. L.
 Lithuanian Information Bureau.
 Livermore and Knight Company.
 McArthur, Mrs. John R.
 Marshall Field and Company.
 Michigan Board of State Auditors.
 Michigan Department of State.
 Michigan Secretary of State.
 Michigan State Convention—American Legion.
 Musselman, Mrs. Howard.
 National Association of Manufacturers.
 National Automobile Chamber of Commerce.
 National City Bank of New York.

National Education Association.
National Federation of Women's Clubs.

National Headquarters of Girl Scouts.

National Lamp Works.

National War Work Council of the Y. M. C. A.

New York Chamber of Commerce.

Newspaper Engraving Company.

Northern Creamery and Cold Storage Company.

Open Road Company.

Pan American Union.

Peabody Conservatory of Music.

Pelletier, Joseph C.

Quevli, Nels.

Rockefeller Foundation.

Schieff, M. L.

Sligh, C. R.

Southern Pine Association.

Storey, Doctor T. A.

Swartzell, Rheem and Hensey Company.

Swift and Company.

United Fruit Company.

United States Department of the Interior.

United States Government Printing Office.

University of Washington.

Vandenburg, Arthur H.

Venezuela Legation, Washington, D. C.

Veterans of Foreign Wars of the United States.

Wildman Rubber Company.

To F. P. Boughey, Commissioner of Public Health and Welfare:

Dear Sir:

I am pleased to submit the following report covering operations at the cemetery for the year 1921, together with an inventory of all tools and equipment for the same.

You will notice that the amount we receive for care of lots is increasing every year.

A new addition has been added to the cemetery by platting lots in the space on Hannah avenue which was vacated some time ago.

Graded 25 blocks in new cemetery.

Laid 600 feet of new water main.

Graded and graveled 320 rods of road in new cemetery.

Made 10 water taps.

Graded 35 single lots.

Top dressed 50 rods of road in old cemetery.

Set out 30 shade trees.

Burials 190.

Had 500 lots for annual care.

Had 20 lots for perpetual care.

Respectfully,

C. S. Gabriel, Sexton.

Inventory of Cemetery Equipment December 31st, 1921.

1,750 ft. of $\frac{5}{8}$ inch hose..	\$ 210.00
4,000 ft. of $\frac{3}{4}$ inch hose..	320.00
6 cycles	3.00
1 crow bar	1.00
5 grave linings	2.50
1 canvass dirt cover	12.00
110 sprays	15.00
2 lawn mowers	6.00
3 axes	3.00
4 steel rakes	2.00
3 lawn rakes	1.00
4 shovels	2.50
2 spades	1.00
2 pair pruning sheers	2.00
2 pipe wrenches	2.00
4 scythes	4.00
15 iron benches	20.00
20 wooden benches	20.00
1 wagon	10.00
3 ladders	6.00
Sleighs	10.00
1 sod cutter .....	.75
1 level	1.50
Miscellaneous articles ...	72.75
House, lot, barns, tool sheds	2,000.00
	<hr/>
	\$2,728.00

Department of Public Works and Property

GEORGE W. LARDIE, Commissioner

Feb. 17, 1922.

To the Mayor and Commissioners,
Traverse City, Mich.

Gentlemen:

I hereby make my report of the work done in my department during the year 1921 as follows:

Lake Avenue curb and gutter,
1,300 ft.

Ninth street curb and gutter,
5,000 ft.

Tenth street curb and gutter,
5,000 ft.

Randolph street curb and gutter,
2,000 ft.

Fair Grounds curb and gutter,
400 ft.

East Front street curb and gutter,
300 ft.

Alley sewer, Twelfth street,
900 ft.

Sewer connections for Lake Ave.

Ninth and Tenth street, 1,100
feet.

Randolph street storm sewers,
200 ft.

26 brick man holes.

240 ft. cement walks.

250 sq. yds. of cement.

Pavement on Front and Franklin streets.

West side creek was dug deeper and cleaned of all rubbish. We have no trouble with floods since we keep this creek clean.

Comfort Station was finished and all in good shape.

Bridges and walks on bridges were repaired with new plank.

Gravel pit was cleaned and sand hauled off to enable us to get good gravel.

Repaired tool house by putting 5 truss rods through the building to strengthen the building.

There were many repairs made on sewers this year and much more is needed, and would recommend that sewer in alley south of Bohemia street between Sixth and Seventh streets be re-built.

1,000 ft. of 1½ inch pipe was laid from spring at Rennie camp to cottages at Brown's Bridge.

265 ft. of sewer tile was laid to cottages at Brown's Bridge.

City building was torn down and lumber hauled to Brown's Bridge.

Built 2 cottages at Brown's Bridge.

Cleared 260 acres of swamp land for land at Brown's Bridge, and we salvaged from same 145,204 feet of lumber, 9,675-8 foot posts, 340-20 foot posts, 93-25 foot posts, 50-16 foot posts, 161-12 foot posts, 325 cords of pulp wood, 1,000 Lin. feet boom timber, 40,000 Lin. feet poles for trestle construction material.

Madison street was improved by grading and graveling.

1,200 ft. on Fair street was graded and graveled.

1 car load of chloride was spread on gravel streets for dust layer.

All streets and alleys were cleaned of ashes and rubbish.

New fence was built on South Cass street near Pere Marquette track.

Grading and graveling Ninth and Tenth streets.

Grading and graveling Lake avenue.

Grading and graveling Randolph street.

Re-surfaced Garfield avenue with gravel.

Re-surfaced South Union street with gravel.

Re-surfaced Fourteenth and Fifteenth streets with gravel.

Re-surfaced East Tenth street with gravel.

Repaired brick pavement on East Front street.

All gravel streets were repaired with gravel and graders were used on them to help keep them in good shape.

We are very much in need of better equipment for grading and maintaining our gravel streets as the auto traffic has become so great that our present equipment is insufficient to do the work and keep the streets in the condition they should be kept in. Would recommend that we purchase one of the Shawnee power graders. All of which I respectfully report and recommend.

Respectfully submitted,

Geo. W. Lardie,

Commissioner of Public Works and Property.

Inventory General Street Property, January 1, 1922.

East Bay Park	\$ 1,500.00
Land corner Cass and Washington streets ..	1,000.00
Bay Street tool house and lot	1,200.00
Lake Avenue park	2,000.00
Gravel pit (20) acres ..	1,000.00
Third Precinct building and lot	3,000.00
Second Precinct building and lot	2,500.00
Fifth Precinct building and lot	1,000.00
Market site, including tool house and weigh office	16,000.00
Hannah Park	4,000.00
Sunset Park	8,550.00
Peninsula Street park ..	4,000.00
Bay Street park	3,500.00

Dumping grounds	500.00
3 sprinklers	600.00
1 steam roller	2,000.00
1 steam engine	700.00
1 truck wagon	35.00
2 dump wagons	150.00
9 snow plows	55.00
1 trench pump and hose	40.00
60 trench jacks	90.00
Paving bricks	25.00
2 crow bars	2.00
6 picks	4.00
8 lanterns	4.00
10 hoes	3.00
20 pavement scrapers..	30.00
2 hand saws	3.00
2 mattocks	1.20
1 cross saw	1.00
4 hammers	2.00
1 sewer rod	10.00
1 oil distributor	400.00
18 barrels tarvia	16.20
1 scraper	3.00
2 blocks and tackle ..	12.00
6 concrete tampers	6.00
1 vise	4.00
2 axes	1.50
1 pump and pipe	6.00
5 sledges	3.00
7 hydrant wrenches	1.75
1 heavy wagon	50.00
1 road grader	125.00
2 levels	1.50
2 hand screens	3.00
3 pails	150
2 sets sidewalk finishing tools	2.00
2 squares .....	.80
1 mixing box	1.00
(Continued on page twelve.)	
1 brick trowel .....	.50
1 hose repair outfit ....	.50
1 monkey wrench .....	.40
1 leveling block	1.00
1 heavy tamper	2.00
2 cant hooks	1.50
1 hand level	1.00
5 pole axes	2.50
2 pairs brick tongs	2.50
2 pinch bars	1.50
3 1-gallon oil cans ....	.50
1 pair of tongs for raising walks	5.00
1 handy wagon	24.00
1 plow	16.00
1 breakup plow	20.00
1 gasoline cement mixer	200.00
400 set garden hose....	20.00
5 doz. C.B.G. sprinklers,	8.75

2 iron garden rakes ...	1.50
5 snow shovels	3.00
2 garden spades	1.50
1 wrench	1.50
4 wheelbarrows	4.00
40 lawn seats	30.00
2 tarvia kettles	200.00
6 tarvia cans	6.00
1 brace and 3 bits	2.00
2 pair sleighs	75.00
2 potato forks	6.00
1 writing desk	15.00
3 chairs	3.00
21 No. 2 shovels	10.00
1 grindstone	2.50
1 set heavy harness ...	50.00
3 horses	900.00
1 truck	2,000.00
1 heating stove	15.00
1 flusher	900.00
1 expansioner	10.00
2 pair rubber boots	5.00
1 pile driver	400.00
1 scarifier	415.00
1 city auto	500.00
1 new grader	500.00
400 ft. of new hose ...	400.00
8 inch tile, 992 feet	248.00
10 inch tile, 420 feet...	201.60
6 inch tile, 700 feet	112.00
15 inch tile, 1,308 ft ..	824.04
Total	\$ 62,292.74

To George W. Lardie, Commissioner of Public Works and Property, Traverse City, Mich.

Dear Sir:

I hereby submit the annual report of the City Market for fiscal year ending December 31st, 1921.

Total number head of stock

weighed, 1,539; consisting of hogs, 869; hogs dressed, 18; cattle, 222; quarters of beef dressed, 92; sheep, 204; horses, 198; mules, 3; yokes of oxen, 1.

Poultry.

Turkeys, 396; crates of chickens, 86; crates of ducks, 11.

Grain.

Corn, 54; corn in fodder, 5; rye, 13; wheat, 9; oats, 6; buckwheat, 2.

Vegetables.

Potatoes, 772; apples, 221; apples, pomies, 23.

Miscellaneous.

Coal, 1,431; coke, 719; automobiles, 259; trailers, 16; manure, 161; hay, 125; straw, 25; iron, 87; paper, 53; rags, 11; rubber, 9; household goods, 40; salt, 19; lumber, 13; ice, 11; tan bark, 11; power sprayers, 6; gravel, 6; stone, 5; cherries, 5; ground feed, 3; oil tanks, 3; hides, 3; stage scenery, 2; wood, 2; gasoline engines, 2; moulding sand, 2; milk, 1; machinery, 1; candy, 1; lead, 1.

Total number tickets used, 4,552.

Number unpaid tickets on hand, 13.

Total cash receipts, \$453.90.

Respectfully submitted,

Fred J. Robinson,
Weighmaster.

Department of Finance

CHAS. G. SHERWOOD, Commissioner

To the Mayor and Commissioners,
Traverse City, Michigan.

Gentlemen :

I present the financial statement of the city as prepared by the City Clerk for the year beginning January 1st, 1921, and ending December 31st, 1921.

C. G. Sherwood,
Commissioner of Finance.

CONTINGENT FUND.

Receipts.

Balance in fund January, 1, 1921	\$ 22,150.14
Licenses: Rooming house, \$14; billiard and bowling \$112; trucks, drays, taxi, \$276.50; plumbers, \$30; theatre, \$75; auctioneer, \$28; peddlers, \$96; moving builders, \$21..	652.50
Delinquent tax, county treasurer, \$3,874.65; interest, \$1,265.38	5,140.03
Penalty, general city tax	255.90
Fees, general city tax..	311.65
Fees, state and county tax	724.19
Clerk's fees	70.25
Justice Court fines	179.00
Over run city budget ..	37.07
Interest on deposits and Liberty bonds ..	1,243.71
Light inspections	4.25
Over run, state, county and county road	19.99
Dog license fees	19.85
Clerk hire from Water Dept. 2 years	1,200.00

Cleaning closets	31.25
Birth certificates, 1920..	46.50
John Rennie account, sale lumber, etc	5,514.97
Refund collection of taxes	3.57
Refund, Brown Bridge account	3,500.00
Refund, liability insurance	935.46
Excess tax collections..	6.73
Paper sold	2.00
Rejected tax	25.06

\$ 42,074.07

Disbursements.

Office supplies\$	610.11
Postage	147.13
Light and lamps, city office	176.71
Water	9.92
Telephone	51.30
Fuel	140.94
Laundry	10.07
Janitor	405.00
Janitor supplies	91.15
Rent, city office	400.00
Office labor	2,040.00
Extra labor	403.75
Insurance	107.66
Election expense: notices, \$11; elections \$372.07; ballots, \$43.75; fuel, \$6; dray, \$11.75..	444.57
Adding machine	156.19
Board of Review	152.25
Costs returned to justice	38.75
Miscellaneous expense..	400.51
Dogs killed	102.50
Old Settlers' building..	62.92
Building inspectors ...	20.00
Cleaning closets	1,010.00
Bonds for city officers,	351.75

Expenses city attorney.	211.37
Expense charter revision	5.10
License tags	5.14
Expense engineer	37.43
Brown Bridge expense,	20,102.41
Audit	800.00
1920 general city tax returned	3,669.91
Erroneous assessments.	97.87
Personal tax uncollected	50.50
Expense bond sale	47.20
Decoration Day expense,	95.00
Ice	15.50
Typewriter	123.62
Refund, personal tax ..	236.32
Service attorney, Cudney land	10.00
Welcome sign	171.32
Quarantine	8.00
Telephone, observation tower	10.70
Liability insurance....	951.40
Services attorney charter revision	215.00

\$ 34,196.97

Balance in fund January 1, 1922	7,877.10
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PRINTING.

Receipts.

Balance in fund January 1, 1921	\$ 300.33
Budget 1921	1,300.00
	\$ 1,600.33

Disbursements.

Proceedings in paper...\$	827.82
Pamphlet proceedings..	207.50
Ordinances	3.60
Notices	119.16
Election notices	141.90
Bond election	188.30
Annual reports	29.75
Binding proceedings ...	67.00

\$ 1,585.03

Balance in fund January 1, 1922	15.30
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HEALTH DEPARTMENT.

Receipts.

Balance in fund January 1, 1921	\$ 1,081.37
Budget 1921	2,500.00
Refund city nurse	231.65

\$ 3,813.02

Disbursements.

Health officer	\$ 1,200.00
Nurse	598.00
Meat & Milk inspector,	420.00
Gas	9.20
Office supplies	14.38
Medicine	68.86
Printing	6.50
New equipment, chlorine plant	533.48
Cleaning river	187.30

\$ 3,037.72

Balance in fund January 1, 1922	775.30
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SALARIES.

Receipts.

Balance in fund January 1, 1922	\$ 3,066.89
Budget 1921	9,000.00

\$ 12,066.89

Disbursements.

Mayor	\$ 300.00
Commissioners	800.00
City clerk	1,800.00
City treasurer	1,800.00
City attorney ..	600.00
City assessor	800.00
Electrical inspector	345.00
City engineer	2,211.28

\$ 8,656.28

Balance in fund January 21, 1922	3,410.61
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FIRE DEPARTMENT.

Receipts

Budget 1921	\$ 27,065.00
Rent of team	354.90
Wagon sold	75.00

\$ 27,494.90

Disbursements.

Deficit Jan. 1, 1921	\$ 1,386.79
Chief	\$ 1,500.00
Assistant chief	100.00
Six men	7,319.96
Special	320.63
Truck and hose companies	519.50
Fuel	439.76
Light and lamps	105.86
Water	14.40
Telephone	71.81
Feed and bedding	321.52
Auto repairs and upkeep	372.34

Department expense ...	474.11
Hose and new equipment	1,598.22
Convention expense	75.00
Repairs to building	76.48
Laundry	35.20
Gas	20.16
Horse shoeing	38.85
Liability insurance	283.56
Fire alarm system	60.55
Testing engine	7.50
Street paint	18.75
Veterinary	2.50
Paint	9.06
Driver for team	231.60
Hydrant rental	9,275.00
	<u>\$ 24,659.11</u>

Balance in fund January 1, 1922	2,835.79
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POLICE DEPARTMENT.

Receipts.

Balance in fund January 1, 1921	\$ 1,017.56
Budget 1921	4,995.00
Transferred from park fund	313.12
	<u>\$ 6,325.68</u>

Disbursements.

Chief	\$ 1,200.00
Two patrolmen	2,400.00
Light	15.89
Water	8.12
Liability insurance	47.55
Telephone	102.04
Auto repairs and gasoline	117.20
Auto	350.00
Office supplies	161.09
Laundry	15.00
Humane officer	120.00
Convention expense	50.00
Comfort station	311.12
N. Cass St. park	2.80
	<u>\$ 4,900.81</u>

Balance in fund January 1, 1921	1,424.87
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INTEREST AND SINKING FUND.

Receipts.

Balance in fund January 1, 1921	\$ 23,595.04
Budget 1921	8,000.00
Premium on Brown Bridge bonds	7,525.00

Accrued interest on Brown Bridge bonds..	2,105.78
Interest on deposits....	1,160.80

Total\$ 42,386.62

Disbursements.

Interest on bridge bonds	\$ 270.00
St. intersections bonds..	1,170.00
Park and improvement bonds	337.50
Athletic and Recreation bonds	2,509.06
Premium and interest on purchase of bonds,	698.80
Interest Brown Bridge plant bonds	9,375.00

.....\$ 14,360.36

Balance in fund January 1, 1922	28,026.26
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LIBRARY FUND.

Receipts.

Balance in fund January 1, 1921	\$ 620.55
Budget 1921	8,000.00
Book fines	25.00
Fines from county	438.91
	<u>\$ 9,084.46</u>

Disbursements.

Librarian	\$ 1,080.00
Assistant librarian	960.00
Assistant librarian	378.00
Janitor	995.00
Books	659.38
Fuel	891.25
Repairs	189.63
Miscellaneous supplies..	80.15
Printing	67.32
Light and lamps	157.85
Water	31.52
Light Oak Park library	4.98
Oak Park librarian	444.00
Binding books and magazines	447.85
Convention expense	40.84
Magazine and newspaper subscriptions ...	205.28
Laundry	5.00

\$ 6,638.05

Balance in fund January 1, 1922	2,446.41
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LIGHT FUND.**Receipts.**

Balance in fund January	
1, 1921	\$ 2,941.67
Budget 1921	8,600.00
	<hr/>
	\$ 11,541.67

Disbursements.

Streets, alleys and	
bridges	\$ 8,274.63
New lamps	10.40
	<hr/>
	\$ 8,285.03
Balance in fund January	
1, 1922	3,256.64

GENERAL SEWER FUND.**Receipts.**

Balance in fund January	
1, 1921	\$ 2,401.83
Budget 1921	600.00
Sewer pipe sold	719.30
	<hr/>
	\$ 3,721.13

Disbursements.

Repairs sewers	\$ 242.03
Cleaning sewers	378.91
Thawing catch basins ..	21.00
Man holes	177.21
E. Front street sewer	
connections	77.55
Cleaning creek	155.10
Ninth street curb and	
gutter	578.99
Lake Ave. curb and gut-	
ter	55.28
Sewer pipe	2,339.32
Randolph street curb	
and gutter	174.95
Tenth street curb and	
gutter	820.04
Cleaning catch basins ..	143.00
Brick	6.50
Liability insurance	67.86
	<hr/>
	\$ 5,237.74
Deficit January 1, 1922,	1,516.61

BRIDGE FUND.

Balance in fund January	
1, 1921	\$ 153.15
Budget 1921	1,500.00
	<hr/>
Total	\$ 1,653.15

Disbursements.

Lamps	\$ 174.29
Repairs	94.48
Signs for bridge	4.00
Globes	20.00
	<hr/>
	\$ 292.77

Balance in fund January	
1, 1922	1,360.38

PARK.**Receipts.**

Budget 1921	\$ 8,968.00
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Disbursements.

Deficit January 1, 1921.	\$ 1,808.33
Hannah Park, water,	
light and labor	702.65
Lake Ave park	91.10
Union Street park	13.52
Sunset park	593.17
Bath house	52.20
Music	113.00
Comfort station	4,334.80
Lots purchased	1,156.89
North Cass street park,	175.10
Monroe street park	5.40
Labor all parks	5.00
Miscellaneous expense..	126.74
Athletic park	39.50
Railroad park	61.90
Liability insurance.....	49.61
	<hr/>
	\$ 9,328.91
Deficit Jan. 1, 1922....	360.91

GENERAL STREET.**Receipts.**

Balance in fund January	
1, 1921	\$ 10,404.39
Budget 1921	30,000.00
Market receipts	453.90
City horses	1,295.00
City truck	2,265.00
Telephone commissions,	.92
Labor sold	3.00
Sale of damaged auto ..	100.00
Refund	105.27
Sale of cement mixer..	65.00
Fair Grounds curb and	
gutter	277.75
Gravel sold	58.80
	<hr/>
	\$ 45,029.03

Disbursements.

Street Com. salary	\$ 1,700.00
Salary of weighmaster..	900.00
Water for sprinkling...	335.00
Expense on Randolph street	75.50
New tools and machinery	2,084.54
Horse shoeing	108.40
Repairs to tools and equipment	533.10
Tool house: light and and lamps, \$20.60; water, \$4.52; telephone, \$38.60; feed and bedding, \$871.66; veterinary, \$3.88; fuel, \$33.33	972.59
Market: light and lamps, \$9; water, \$4.52; fuel, \$61.75	75.27
Liability insurance	349.16
Clean pavements	2,852.53
Water, horse troughs...	216.00
Street sprinkling	1,266.50
Cutting weeds	346.63
Calcium chloride	872.52
Intersection R. R. Ave. and Front street	34.50
Intersection Franklin & Front streets	423.95
Caring for gravel pit ..	327.10
Oil	11.88
Repairs to walk	573.44
Gas for mixer	102.78
Fuel for roller	54.54
Repairs to pavement ..	111.21
Oil and grease	70.30
Insurance	78.48
Light, ward halls	25.06
Expense of truck	1,764.14
Clean alleys	892.45
Crushed stone	534.48
Miscellaneous supplies..	492.78
Horse hire	20.00
Printing, market	75.75
Shoveling and hauling snow	134.00
Snow & gutter plowing.	286.25
General repairs	690.82
Care of dump	754.85
Auto	1,073.60
Expense of auto	61.87
Grading	979.40
Opening street	168.16
Curb and gutter, Fair grounds	277.75
E. Front street curb and gutter	451.09
Fence on Cass street...	124.56

Repairs to tool house...	182.67
Raking stone	32.00
Hauling stone	21.50
Repair culvert	27.27
Grading Lake Ave	253.65
Drinking fountains	20.00
Grading Randolph St...	4.20
Engineer's assistant....	275.00
Gravel	195.35
Cutting brush	50.00
Gravel for Golf club ...	79.50
Sprinkling chloride	25.00
Grading Ninth street ..	641.80
Grading Tenth street...	595.30

\$ 31,056.17

Balance in fund January 1, 1922	13,972.86
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WHARF.**Receipts.**

Balance in fund January 1, 1921	\$ 759.87
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Disbursements.

Pier lights	\$ 54.00
Lamps	23.60

\$ 77.60

Balance in fund January 1, 1922	\$ 682.27
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CEMETERY.**Receipts.**

Balance in fund January 1, 1921	\$ 1,377.99
Budget 1921	1,500.00
Burials	863.00
Care of lots	1,960.46
Grading and seeding ..	516.80
Extra grave service ...	267.50
Extra labor	166.00
Removals	10.00

\$ 6,661.75

Disbursements.

Sexton's salary	\$ 1,200.00
Horse hire	300.00
General labor	1,449.42
Care of lots	1,268.75
Liability insurance....	74.21
Miscellaneous expense..	147.64
Telephone	36.00
Water for house	12.60
Water for cemetery	350.00
Light and lamps	38.09
Grading	42.00
Printing	6.36

Hose	176.16
Sprinklers	1.20

\$ 5,102.43

Balance in fund January	
1, 1922	1,559.32

CEMETERY EXTENSION AND IMPROVEMENT.

Receipts.

Balance in fund January	
1, 1921	\$ 3,302.94
Lots sold	1,461.12
Single graves	18.16

\$ 4,782.22

Disbursements.

Soil	\$ 630.00
New water mains	869.44
Grading	407.00
New roads	960.32
Grass seed	8.60

\$ 2,875.36

Balance in fund January	
1, 1922	1,906.86

CEMETERY PERPETUAL CARE.

Receipts.

Balance in fund January	
1, 1921	\$ 2,250.00
Received during year ..	700.00
Discount on bonds	25.00

\$ 2,975.00

WATER DEPT. LIBERTY BOND ACCOUNT.

Amount in fund January	
1, 1922	\$ 5,000.00

WATER DEPT.

Receipts.

Balance in fund January	
1, 1922	\$ 36,236.13
Schedule water	6,535.69
Metered water	18,428.88
Installing meters	90.00
Taps	575.00
Interest on deposits and Liberty bonds	1,518.40
Coal sold	587.77
Chlorine tanks returned,	160.00
Hydrant rental	9,275.00
Street sprinkling	335.00
Cemetery	350.00
Curb cock sold	2.00
Labor on Catholic cemetery	39.86
Pipe sold	49.14

Received from broken hydrant

Labor sold	6.00
Water for circus	147.82
Material sold	8.00
Clean well	23.96
Water, Catholic cemetery	5.00
Water sold, road contractor	50.00

8.56

\$ 74,432.21

Disbursements.

Expense for year	\$ 27,922.59
Interest on bonds	4,012.50

\$ 31,935.09

Balance in fund January	
1, 1922	42,497.12

ELECTRIC LIGHT AND POWER DEPT.

Receipts.

Balance in fund January	
1, 1921	\$ 10,158.13
Light and power	46,702.41
Interest on deposits and Liberty bonds	435.30
Refunds	213.68
Brown Bridge expense.	4,064.37

\$ 61,573.89

Disbursements.

Pay rolls	\$ 56,025.77
Balance in fund January	
1, 1922	5,548.12

INTEREST ACCOUNT.

Receipts.

Interest on deposits ...	\$ 918.58
Interest on Liberty bonds	2,506.20
Interest on bonds	720.90

\$ 4,145.78

Disbursements.

Transferred to different funds	\$ 4,145.78
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LIGHT AND POWER SINKING FUND.

Receipts.

Balance in fund January	
1, 1921	\$ 24,104.90
E. L. & P. Bond account transferred	5,000.00

Interest on deposits and	
Liberty bonds	1,790.05
Purchase of bonds	15,000.00
Discount on bonds.....	56.46

Balance in fund January
1, 1922\$ 45,951.41

BROWN BRIDGE PLANT.

Receipts.

Bond issue	\$250,000.00
Insulators sold	1,160.40
	<u>\$251,160.40</u>

Disbursements.

Wire	\$ 4,793.94
Services engineer	8,382.00
Contractor	96,179.51
Pole line	8,377.33
Turbine	7,475.00
Steel	7,245.92
Transformers	12,069.00
Cottages	5,003.80
Governors	2,700.00
Generators	12,907.18
Switch	846.00
Bar clips	42.76
Roofing	44.28
Purchase of land	1,500.00
Lumber	7.50
Miscellaneous items ...	421.31
Log chute	175.00
Sub-station equipment..	212.21

\$168,382.74

Balance in fund January
1, 1922\$ 82,777.66

Disbursements.

Transferred to different balance in funds Dec. 31st, 1921.	
Contingent	\$ 7,877.10
Printing	15.30
Health	775.30
Salaries	3,410.61
Fire Dept	2,835.79
Police	1,424.87
Interest and sinking...	28,026.26
Library	2,446.41
Light	3,256.64
Bridge	1,360.38
General street	13,972.86
Wharf	682.27
Cemetery	1,559.32
Cemetery Ext. & Imp..	1,906.86
Cemetery Perpetual care	2,975.00
Water	42,497.12
Water Liberty bonds...	5,000.00
E. L. & P.	5,548.12
City office building	1,000.00

Sixth and Cedar street sewer	370.45
E. L. & P. Sinking.....	45,951.41
Brown Bridge plant ...	82,777.66
State and county funds,	13,800.39

\$269,470.12

General sewer	\$ 1,516.61
Park	380.91
Liberty Bond Acct.....	123,934.00
General city tax	12,958.25
Lake Avenue curb and gutter	997.82
West Ninth street curb and gutter	2,125.26
West Tenth street curb and gutter	2,178.34
Twelfth and Thirteenth Randolph street curb street sewer	896.45
and gutter	1,176.16
East Front street paving No. 1.....	2,770.81
East Front street paving No. 2	4,253.94
Cash	116,301.57

\$269,470.12

Bonds Outstanding.

Electric Light Bonds—Due June 1, 1932, rate of interest $4\frac{1}{2}$ per cent, \$125,000.00.

Water Works Extension—Due Nov. 1, 1930, rate of interest 4 per cent, \$11,000.00; due June 1, 1928, rate of interest $4\frac{1}{2}$ per cent, \$6,000.00; due July 1, 1924, rate of interest, $4\frac{1}{2}$ per cent, \$20,000.00; due April 1, 1929, rate of interest $4\frac{1}{4}$ per cent, \$15,000.00.

Water Works Pump—Due April 1, 1929, rate of interest $4\frac{1}{4}$ per cent, \$20,000.00.

Paving Intersections—Due June 1, 1928, rate of interest, $4\frac{1}{2}$ per cent, \$20,000.00; due June 1, 1929, rate of interest $4\frac{1}{2}$ per cent, \$6,000.00.

Bridge—Due Aug. 1, 1928, rate of interest. $4\frac{1}{2}$ per cent, \$6,000.00

Park and Improvement—Due July 1, 1932, rate of interest $4\frac{1}{2}$ per cent, \$5,000.00

Recreation and Athletic—Due July 1, 1936, rate of interest 5 per cent, \$50,000.00.

Brown Bridge Plant Bonds—Due serially, rate of interest 6 per cent, \$250,000.00.

Total, \$534,000.00.
 Assessed valuation, 1919, \$7,-
 766,475.00.
 Assessed valuation, 1920, \$7,-
 334,290.00.
 Assessed valuation, 1921, \$7,-
 836,392.00.
 Tax rate, city purposes per
 \$1,000.00, 1919, \$10.44.
 Tax rate, city purposes per
 \$1,000.00, 1920, \$12.45.
 Tax rate, city purposes per
 \$1,000.00, 1921, \$14.30.
 Tax rate, 1919—State, \$3.59;
 county, \$3.59; county road, \$2.05;
 school, \$9.18; \$18.41.
 Tax rate, 1920—State, \$3.49;
 county, \$4.00; county road, \$2.00;
 school, \$12.00; \$21.49.
 Tax rate, 1921—State, \$3.20;
 county, \$6.00; county road, \$2.00;
 school, \$15.70; \$26.90.

**Inventory of City Office Building.
 Furniture and Fixtures, Clerk's
 and Treasurer's Office.**

2 roll top desks	\$ 30.00
4 high desks	75.00
2 flat top desks	50.00
Sectional cabinets	275.00
2 swing chairs	15.00
2 small swing chairs ...	6.00
A high desk chair	3.00
5 oak chairs	25.00
1 wardrobe	5.00
1 table	3.00
A typewriter desk	10.00
2 typewriters	125.00
1 adding machine	300.00
1 adding machine	250.00

1 addressograph	275.00
1 water cooler	3.00
1 letter press	3.00
2 document files	25.00
1 sectional book case ..	25.00
2 safe cabinets	250.00
1 paper baler	12.00
Vault equipment	100.00
Election outfits	200.00
6 steel letter files	60.00
	<hr/>
	\$ 2,125.00

Mayor's Office.

8 chairs	\$ 330.00
1 table	92.65
1 rug	120.13
Fire place logs	31.16
	<hr/>
	\$ 573.94

Commission Room.

1 table	\$ 12.00
6 desks	30.00
17 swing chairs	35.00
1 mayor's chair	25.00
10 high back chairs	10.00
25 folding chairs	5.00
	<hr/>
	\$ 117.00

Assessor's Office.

1 large desk	\$ 40.00
1 swing chair	5.00
1 oak chair	5.00
1 desk lamp	2.00
Filing case	10.00
	<hr/>
	\$ 62.00

City ownership in building one-
 half interest \$4,000.00.

Department of Public Safety

J. ARTHUR GARLAND, Commissioner

To the Mayor and City Commissioners, Traverse City, Mich.
Gentlemen:

I herewith submit the annual reports of the Water, Fire and Police Departments, for the year ending December 31st, 1921.

Your respectfully,

J. A. Garland,

Commissioner of Public Safety.

CITY OF TRAVERSE CITY,
MICHIGAN.

February 16, 1922.

To the Commissioner of Public Safety:

Dear Sir:

The Water Department herewith submits its report for year ending December 31, 1921.

Owing to the extreme dry and hot weather during June and July, our pumps were taxed almost to their capacity at times, and more water was delivered the past year than any previous year in the history of the Water Work.

The following is the pumpage for the year:

Actual amount of water pumped 736,120,000 gallons or 96,349,000 gallons more than last year.

Our daily average was 2,011,200. Our daily average last year was 1,752,000 gallons. In June we pumped 124,920,000 gallons. Our largest day's pumpage was July

5th, we pumped 5,944,000 gallons. July 6th we pumped the same amount. November 6th was our smallest day's pumpage. On that day we delivered 1,144,000 gallons.

Statistical Report.

Total cubic feet delivered, 98,149,313.

Total cubic feet water metered 30,346,658.

Total cubic feet water scheduled 67,802,655.

Total expense \$31,496.78.

Income from metered water, \$17,233.50.

Income from schedule water, fire hydrants, etc, \$15,670.94.

Cost per 1,000 cu. ft. to deliver, 32c.

Income per 1,000 cu. ft. metered water, 57c.

Income per 1,000 cu. ft. schedule water, 23c.

The past year we installed 54 new taps, making a total of 2,590 taps. Besides the above we installed 22 taps on East Front street before the new pavement was laid. 72 new meters were installed making a total of 1,590 meters.

Extensions to the water mains consisted of laying 1,300 feet of 6 inch main on State street between Rose and Garfield avenue, and installing a fire hydrant at corner of State and Gilbert street.

We have a total of 267 fire hydrants, 155 gates and nearly 28 miles of water mains.

Through our recommendation, the Health Department installed a new Wallace and Tierman Chlor-

ine machine which is giving excellent service and making the water safe for drinking purposes at all times.

This has been a successful year for the Water Works, and I wish to express my appreciation for the attention given the department by the Commissioner of Public Safety.

Respectfully,

W. S. Williams,
Supt.

REPORT OF THE WATER DEPARTMENT, CITY OF TRAVERSE CITY, 1921.

TRAVERSE CITY, BALANCE WATER DEPARTMENT, CITY OF SHEET.

December 31, 1921.

Assets.

Treasury	\$ 42,497.12
Accounts receivable ..	4,232.10
Inventory, (supplies) ..	4,965.74
Insurance, fire, \$248.49; liability, \$86.30	334.79
Discount (on water paid in advance)	122.10
Liberty bonds	5,000.00
Deposits for chlorine ..	40.00
Automobile	200.00
Electric pumps	8.00

PLANT:

Real estate, \$9,438.67; buildings, \$13,973.65; boiler No. 1, \$2,000.00; boiler No. 2, \$2,000.00; pump No. 1, \$19,000; pump No. 2, \$19,000; intake, \$5,000; auxiliary machinery, \$745; mains, \$131,476.72; hydrants, \$9,436.50; service taps, \$23,187.63; meters, \$17,012.53; miscellaneous equipment, \$1,683.63; office equipment, \$173.80; fountains, \$28.38	254,156.51
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\$311,556.36

LIABILITIES AND OWNERSHIP.

Bonds outstanding	\$ 72,000.00
Accounts payable	72.57
Accrued interest	1,204.49
Depreciation reserve....	91,165.53

Advance payments	1,128.86
Profit and loss	6,109.31
Ownership	139,875.60

\$311,556.36

Expense.

Year ending Dec. 31, 1921.

PUMPING EXPENSE:

Engineers	\$ 4,250.00
Firemen	3,327.00
Coal	7,401.60
Oil and grease	124.62
Loosening screws	10.00
Waste	6.60
Packing	112.60
Electric light	264.00
Lamps	31.43
Recording chart	4.56

\$ 15,532.41

MAINTENANCE:

Boilers No. 1 and 2	\$ 562.22
Pumps No. 1 and 2	242.43
Buildings	869.32
Mains	94.11
Hydrants	600.42
Grounds	114.33
Services	86.95
Meters	355.19
Miscellaneous equipment	54.69
Chlorine plant	18.05

\$ 2,997.69

GENERAL EXPENSE:

Superintendent	\$ 1,680.00
Clerk hire	600.00
Printing, etc	199.43
Miscellaneous expense..	70.97
Postage and delivering bills	68.51
Fire insurance	112.35
Laundry	7.80
Depreciation	6,160.92
Liability insurance	203.16
Interest	3,097.50
Reading meters	192.61
Turn on and off	345.00
Chlorine	109.76
Truck	118.67

\$ 12,966.68

\$ 31,496.78

Income.

Year ending December 31, 1921.

WATER SALES:

Schedule rates	\$ 6,660.94
----------------------	-------------

Meter rates	17,233.50
Sprinkling streets	335.00
City cemetery	350.00
Catholic cemetery	50.00
Hydrant rental	9,275.00
	<hr/>
	\$ 33,904.44

REVENUE:

Taps	\$ 565.00
Installing meters	90.00
Meter rental	1,528.25
Interest on Liberty bonds	212.50
Interest on deposits....	1,305.90
	<hr/>
	\$ 3,701.65
Total receipts	\$ 37,606.09
Total expense	31,496.78
	<hr/>
Total profit	\$ 6,109.31

Additions to Plant.

Year ending December 31, 1921.	
Meters	\$ 1,062.32
Installing meters (labor and material)	202.47
Taps	1,182.37
Meter boxes and covers,	54.09
Mains	1,615.77
	<hr/>
	\$ 4,117.32

Credit.

Profit on merchandise and labor sold	\$ 3,701.65
Profit on water sales....	2,407.66
	<hr/>
Cr. balance	\$ 6,109.31

Bonds.

Name, extension; amount, \$1,000; due, 11-1-1930; rate, 4 per cent; amount of annual interest, \$40.00.

Name, extension; amount, \$10,000; due, 11-1-1930; rate, 4 per cent; amount of annual interest, \$400.00.

Name, extension; amount, \$20,000; due, 7-1-1928; rate 4½ per cent; amount of annual interest, \$900.00.

Amount, \$6,000; due, 6-1-1928; rate, 4½ per cent; amount of annual interest, \$270.00.

Amount, \$15,000; due, 4-1-1929; rate, 4¼ per cent; amount of annual interest, \$637.00.

Amount, \$20,000; due, 4-1-1929; rate, 4¼ per cent; amount of annual interest, \$850.00.
Total amount, \$72,000.
Total amount of annual interest, \$3,097.50.

Statistical Report.

Total gal. pumped, 774,863,000.
Cubic ft. pumped (7½ gals. 1 cu. ft.) 103,315,066.
5 per cent slippage of pumps, 5,165,753.
Total cu. ft. delivered, 98,149,313.
Total cu. ft. water metered, 30,346,658.
Total cu. ft. water scheduled, 67,802,655.
Total expense, \$31,496.78.
Income from metered water, \$17,233.50.
Income from schedule water, fire hydrants, etc., \$15,670.94.
Cost per 1,000 cu. ft. to deliver, 32c.
Income per 1,000 cu. ft. metered water, 57c plus.
Income per 1,000 cu. ft. schedule water, 23c.

Inventory Balance.

Year ending December 31, 1922.

Hydrants	\$ 394.00
Taps	203.10
Mains	1,526.28
Meters	348.82
Pipe and fittings	162.80
Chlorine	26.45
Meter boxes and covers,	1.75
Oil and grease	42.26
PUMPS:	
Pump valves	74.62
BOILERS:	
Paint, \$6.46; fire brick, \$9.50	15.96
Soot destroyer	6.00
Coal on hand	1,843.00
Waste	12.89
Packing	196.93
Boiler compound	77.79

BUILDING:

Roof paint, \$32.06;	
soap, \$1.03	33.09
	<hr/>
	\$ 4,965.74

Traverse City, Mich.
Dec. 31, 1921.

To the Honorable Mayor and City
Commission:

I have the honor of submitting
the report of the Traverse City
Police Department for the year
1921:

1 arrested for disposing of stolen
property.

8 arrested for drunk and dis-
orderly.

5 arrested for driving cars
while intoxicated.

5 arrested for exceeding the
speed limit.

1 arrested for shooting inside
the city limits.

1 arrested for disturbing the
peace.

1 arrested for placing obnoxious
chemical in ventilator at school
house.

6 arrested for breaking into cel-
lars and stealing wine.

1 arrested for assault and bat-
tery.

1 arrested for cutting corners in
car.

3 arrested for outside officers.

1 arrested for stealing acces-
sories from cars.

1 arrested for annoying school
children.

4 store windows reported broken.

3 boys apprehended for breaking
windows in Oak Park school
house.

3 stores reported broken into.

1 warehouse reported broken
into.

2 box cars reported broken into.

1 cottage reported broken into.

8 reported having wheels and
tires stolen from cars.

7 reported having blankets
stolen from cars. Apprehended
three men for same.

6 autos reported stolen from
city. Recovered same.

1 auto stolen from Detroit. Re-
covered.

15 chickens and two rabbits re-
ported stolen.

\$150.00 diamond ring reported
stolen. Recovered same.

\$14.00 reported stolen from Cen-
tral school house. Recovered same.

Sinclair Oil Co. reported 35 gal-
lons gasoline stolen.

1 killed by being struck by au-
tomobile.

In conclusion I wish to thank
the Mayor and City Commission
for the co-operation given this de-
partment.

Respectfully submitted

John M. Blacken,
Chief of Police.

Traverse City, Mich.,
Jan. 3, 1922.

To the Hon. A. J. Garland, Com-
missioner of Public Safety:

Inventory of Equipment of Trav- erse City Police Dept.

1 automobile	\$ 450.00
1 large folding desk ...	40.00
10 chairs	30.00
2 small desks	30.00
1 filing cabinet	10.00
2 letter files	2.00
1 Atlas	10.00
Stationery and office supplies	10.00
6 police clubs	6.00
2 pair of handcuffs ...	6.00
10 police caps	32.00
10 police badges	10.00
1 revolver	10.00
1 Rasmussen drag	10.00
10 drag hooks	5.00
14 hydrants and theater targets	50.00
6 window screens and one screen door	5.00
	<hr/>
	\$ 716.00

Respectfully submitted,

John M. Blacken,
Chief of Police.

To the Mayor and Commissioners:
Gentlemen:

I take pleasure in submitting
herewith the twenty-fifth annual
report of the Traverse City Fire
Department ending December 31,
1921.

During the year the department
responded to ninety-three (93)

alarms eleven (11) of which were box calls, thirty-three (33) Five hundred and forty-nine (549) by phone. Two of which were false alarms, causes as follows:

27 sparks from chimneys.

11 grass fires.

8 cigarettes.

7 leaky oil stoves.

5 overheated furnaces.

2 sparks from furnaces.

2 overheated stoves.

2 defective chimneys.

2 short circuits.

2 sparks from rubbish.

2 combustion.

1 firecracker.

1 broken stove pipe.

21 chimney fires.

2 false alarms.

There was 4,650 ft. of 2½ hose laid. 918 ft. of ladder used, 987 gallons of chemical used, 65 gallons of water used in hand pumps, 2½ gallons fire foam and 2 quarts of pyrene.

The valuation of buildings and contents involved in these fires amounted to \$750,200.00. The valuation of property involved that was insured amounted to \$541,700.00. The insurance carried on the above amounted to \$316,900.00. The insurance collected on the above losses amount to \$10,845.00. The valuation of property involved that had no loss was \$208,500.00. Losses not covered by insurance amounted to \$130.00.

List of Property.

2 houses	\$ 300.00
1 set harness and six-collars	125.00

6 horse blankets	18.00
1 hose wagon	200.00
10 ladders	400.00
10 nozzles	250.00
2 cellar nozzles	50.00
6 hand extinguishers ..	150.00
1 wire cutter	25.00
2 hose shutoffs	30.00
2 pyrenes	10.00
1 hose expander	15.00
1 indicator	100.00
2 registers	150.00
3 gongs	230.00
1 battery contents and board	75.00
Beds, blankets, etc	250.00
Chairs and desks	50.00
2 sliding poles	35.00
6 axes	12.00
Runners and slides	75.00
1 hand truck	25.00
4 carts	250.00
2 sleighs	100.00
1 lung motor	100.00
1 deluge set	50.00
2 engines	8,000.00
45 boxes	3,930.00
14 miles overhead wire.	485.00
5,400 ft. 2½ inch hose,	4,000.00
1 Buick chemical	1,336.00
1 Cadillac truck	2,960.00
1 Pierce Arrow truck..	2,000.00

In conclusion I wish to express my appreciation for the courtesies extended and the attention given this department throughout the past year, and trusting the same will continue throughout the present one.

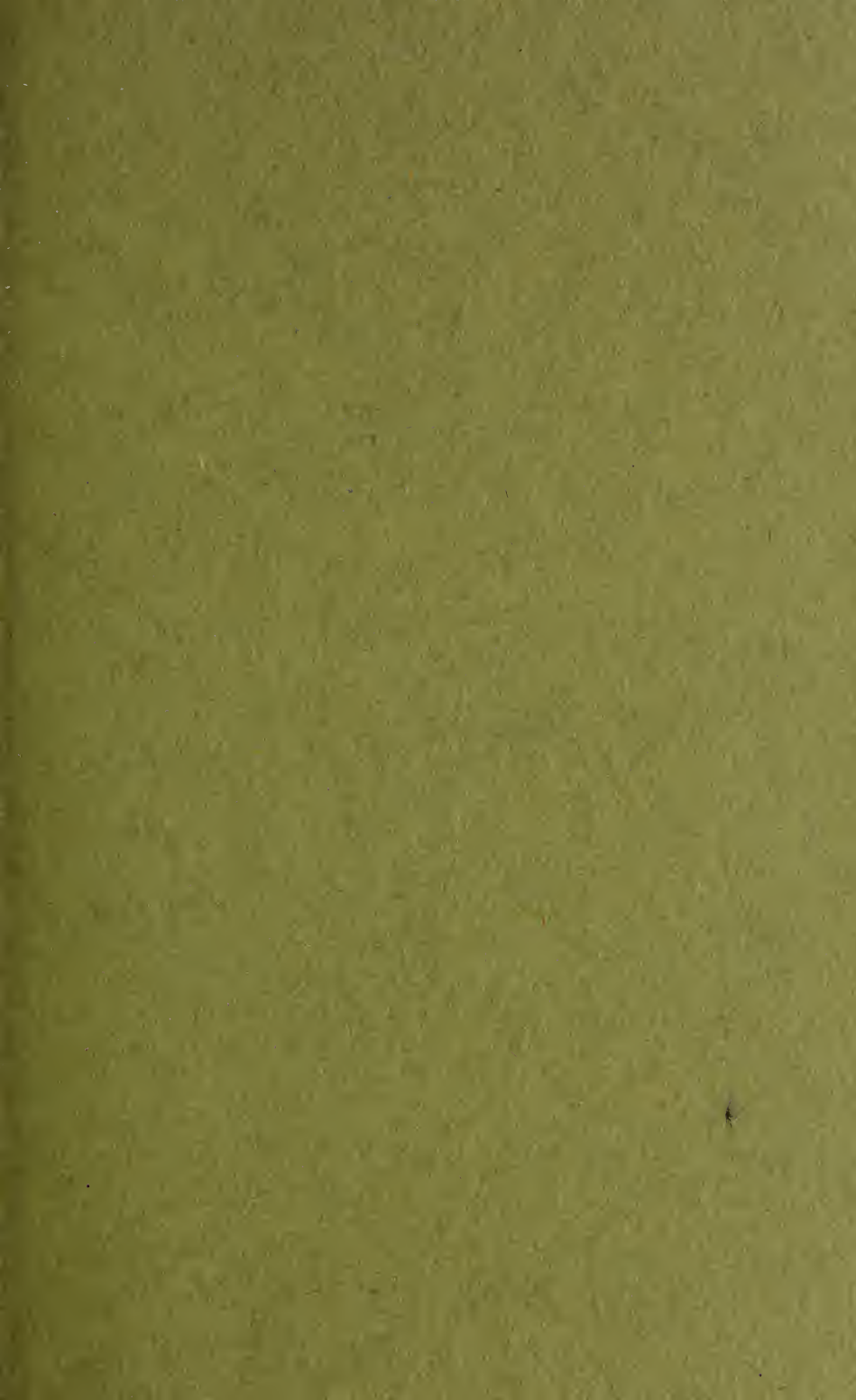
Respectfully submitted,

F. C. Newman,
Chief of Dept.

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1922

Department of Finance

C. G. SHERWOOD, Commissioner

To the Mayor and Commissioners,
Traverse City, Michigan:

Gentlemen:—I present the financial statement of the city as prepared by the city clerk for the year beginning January 1, 1922, and ending December 31, 1922.

C. G. SHERWOOD,
Commissioner of Finance.

Contingent Fund.

Bal. Jan. 1, 1922 \$ 7,877.10

Receipts.

Licenses—

Room'g house \$ 1.00
Billiards and
bowling alley 102.00
Trucks, drays
and taxi 285.00
Plumbers . . . 20.00
Theaters . . . 75.00
Auctioneer . . 22.50
Peddlers . . . 64.00
Building mover 8.00
Carnival and
circus . . . 120.00 697.50
Delinquent taxes 5,635.48
Penalty general city tax 384.95
Fees—general city tax... 385.56
Fees—state, county tax.. 959.76
Clerk's fees 130.75
Justice court fines..... 38.00
Interest on deposits and
Liberty bonds 1,199.85
Light inspections 1.00
Overrun, state, county
and county road 61.23
Dog license fees..... 13.80
Clerk hire, water Dept... 600.00
Cleaning closets 170.75
Birth certificates, 1921... 51.00
Brown bridge plant acc't 1,188.65
Refunds . . . 1,802.60
Overrun, city budget.... 23.68
Excess tax 3.60
Personal tax collections.. 11.52

Total receipts\$21,241.78

Disbursements.

Office supplies\$ 554.35
Postage . . . 85.01
Light and lamps 11.95
Water . . . 9.92
Telephone . . . 52.40
Fuel . . . 141.31
Laundry . . . 10.65
Janitor . . . 400.00
Janitor supplies 72.38
Rent, city office..... 400.00
Office labor 2,403.50
Insurance . . . 545.72
Election expense 1,716.35
Board of review..... 159.75
Costs returned to Chas.
Hanslovsky . . . 22.00
Miscellaneous expense .. 416.74
Dogs and cats killed.... 123.50
Cleaning closets 1,428.75
City tax returned, 1921... 4,762.28
Ice . . . 15.00
Messages . . . 9.63
Repairs to office..... 98 63
Water, Old Settlers' Home 73.62
License plates 4.02
Brown bridge plant 325.20
Building inspectors 60.00
City attorney's expenses. 147.25
Welcome sign 23.78
Decoration day expense.. 87.73
Expense, engineer 150.00
Compensation insurance 892.06
Wood from Brown bridge 85 44

Total disbursements ...\$15,288.92
Balance January 1, 1923...\$ 5,952.86

Printing Fund.

Balance January 1, 1922...\$ 15.30

Receipts.

Budget, 1922 1,500.00

Total receipts\$1,515.30

Disbursements.

Proceedings in paper.....\$ 521.99
Pamphlet proceedings 146.00
Annual reports 39.50

ANNUAL REPORTS

Notices, ordinances and other printing	367.13
Printing charter	223.90

Total disbursements ...	\$1,298.52
Balance January 1, 1923...	\$ 216.78

Health Department.

Balance January 1, 1922...	\$ 775.30
----------------------------	-----------

Receipts.

Nurse	\$ 253.75
Budget, 1922	2,355.00

Total receipts	\$3,384.05
----------------------	------------

Disbursements.

Health officer	\$1,200.00
Nurse	978.50
Meat and milk inspector..	420.00
Laboratory supplies	31.64
Gas	5.60
Ambulance	5.70
Fumigators	92.20
Miscellaneous supplies ...	42.26
Testing water	188.08
Repairs chlorine plant....	86.43

Total disbursements ...	\$3,050.41
Balance January 1, 1923...	\$ 333.64

Salaries.

Balance January 1, 1922...	\$ 3,410.61
----------------------------	-------------

Receipts.

Budget, 1922	8,860.00
--------------------	----------

Total receipts	\$12,270.61
----------------------	-------------

Disbursements.

City clerk	\$1,800.00
City treasurer	1,800.00
City attorney	600.00
Assessor	800.00
Electrical inspector	360.00
Mayor	300.00
Commissioners	800.00
Engineer	2,450.00

Total disbursements ...	\$8,910.00
Balance January 1, 1923...	\$3,360.61

Fire Department.

Balance January 1, 1922...	\$2,835.79
----------------------------	------------

Receipts.

Team	\$ 1,048.30
Budget, 1922	12,855.00
Hydrant rental	9,275.00

Total receipts	\$26,014.09
----------------------	-------------

Disbursements.

Regular salaries	\$ 8,919.96
Special	330.31
Truck and hose Co.....	537.00

Liability insurance	213.24
Convention expense	50.00
Fuel	405.45
Light and lamps.....	86.26
Water	14.40
Telephone	77.41
Auto repairs and upkeep.	778.82
Department expense	614.03
Repairs to building.....	45.57
Laundry	36.55
Hose, tire and new equip- ment	2,159.37
Horse feed and veterinary	426.83
Hydrant rental	9,275.00
Teamster and team.....	840.95
Gas	18.56
Fire alarm system.....	123.06
Insurance on automobiles	390.87

Total disbursements ..	\$25,343.61
Balance January 1, 1923...	\$670.45

Police Department.

Balance January 1, 1922...	\$1 421.87
----------------------------	------------

Receipts.

Budget, 1922	\$7,452.00
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Total receipts	\$8,876.87
----------------------	------------

Disbursements.

Regular salaries	\$4,706.76
Light	18.01
Water	8.12
Telephone	56.03
Liability insurance	69.76
Auto repairs	219.19
Office supplies and paint..	70.31
Laundry	15.00
Humane officer	120.00
Special police	49.00
Comfort station	712.00
N. Cass St. park.....	175.00
Auto insurance	33.00
Repairs to building	3.00

Total disbursements ...	\$6,255.18
Balance January 1, 1923...	\$2 621.69

Interest and Sinking Fund.

Balance January 1, 1922...	\$28,026.26
----------------------------	-------------

Receipts.

Budget	\$26,540.00
Interest on deposits.....	438.87
Interest on deposits and bonds	1,119.86

Total receipts	\$56,124.99
----------------------	-------------

Disbursements.

Bridge	\$ 270.00
Street intersections	1,170.00
Park and improvement...	247.50

ANNUAL REPORTS

Athletic and recreation.. 2 506.26
Brown bridge bonds..... 15,000.00

Total disbursements ..\$19,193.76
Balance January 1, 1923..\$36,931.23

Library.

Balance January 1, 1922...\$2,446.41
Budget, 1922 7,000.00
Fines 35.00

Receipts.

County treasurer 271.58

Total receipts\$9,752.99

Disbursements.

Librarian\$1,080.00
Asst. librarian 960.00
Asst. librarian 407.00
Janitor 995.00
Oak Park librarian 532.00
Extra janitor 35.00
Books 1 114.05
Fuel 549.10
Repairs 29.56
Miscellaneous supplies ... 163.99
Printing 38.50
Light and lamps..... 128.88
Water 31.52
Convention expense 40.38
Magazine and newspaper
subscriptions 286.49
Laundry 5.00
Liability insurance 10.13
Drinking fountain 61.15
Office furniture and chairs 177.00

Total disbursements\$6,644.75
Balance January 1, 1923...\$3,108.24

Light.

Balance January 1, 1922...\$3 256.64

Receipts.

Budget, 1922\$ 8,523.00

Total receipts\$11,779.64

Disbursements.

Streets, alleys and bridges\$8,365.50
City office 140.95
Bridge 14.03
Street strings 40.60

Total disbursements\$8 561.08
Balance January 1, 1923...\$3,218.56

General Sewer.

Receipts.

Refund\$.36
Sewer pipe sold 42.55
Budget, 1922 2,070.00

Total receipts\$2 112.91

Disbursements.

Overdrawn Jan. 1, 1922....\$1,516.61
Clean catchbasins 170.18
Repairs and clean sewers 338.30
Manhole 12.25
Supplies 144.20
Catchbasins 19.50
Bay street 59.50
Schoolhouse sewer 2,069.27
Hauling sewer pipe 21.50
Alley 6th St. sewer..... 132.50
Septic tank, Worth Mfg. Co. 242.59
Liability insurance 154.04

Total disbursements\$4,880.44

Total receipts\$2,112.91

Overdrawn Jan. 1, 1923.. \$2,767.53

Bridge Fund.

Balance January 1, 1922..\$1,360.38

Receipts.

Budget, 1922\$1,000.00

Total receipts\$2,360.38

Disbursements.

Lamps\$ 99.62
Filling Cass St. bridge.... 623.33
Lumber 90.22
Repairs 58.00
Resurfacing, Tarvia 46.00

Total disbursements\$937.17

Balance January 1, 1923...\$1,423.21

Park Fund.

Receipts.

Sale of lot\$ 650.00
Budget, 1922 2,426.00
Transfer of comfort station 699.48

Total receipts\$3,775.48

Disbursements.

Overdrawn\$ 360.91
Hannah park 642.07
Sunset park 576.86
Union St. park 13.52
Lake avenue park 95.75
G. R. & I. park..... 95.75
Miscellaneous expense 48.68
Bathhouse 56.13
Comfort station 566.61
G. R. & I. park..... 16.22
N. Cass St. park..... 119.10
Monroe St. park 5.40
East Bay park 5.50
Band concerts 78.00
Athletic park 711.52
Liability insurance 60.77

Total disbursements\$3,357.04

Balance January 1, 1923...\$118.44

ANNUAL REPORTS

General Street.
Balance January 1, 1922 . \$13,972.86

Receipts.
Budget, 1922 \$24,425.00
Market receipts 543.80
Labor, city horses..... 1,307.70
Labor, city truck..... 2,010.00
Telephone commission .. .92
Driveways 107.50
Rent of boiler..... 136.00
Rent of engine..... 8.00
Labor and repairs, com-
fort station 47.59
Scrap iron sold 2.10
Labor, tractor 680.00
Refund 1.56
Labor 102.00
Sale of mixer 38.15

Total receipts \$43,383.18

Disbursements.
Street commissioner's sal-
ary \$ 1,795.83
Plowing and hauling snow 1,862.75
City dump 640.00
Weighmaster's salary ... 900.00
New tools and machinery 247.40
Horseshoeing 115.20
Repairs to tools and
equipment 431.19
Toolhouse—
Light and lamps..... 29.25
Water 4.52
Telephone 36.00
Feed and bedding..... 764.94
Veterinary and medi-
cine 3.75
Fuel 16.80
City market—
Light 9.75
Water 4.52
Fuel 33.10
Supplies 53.81
Supplies and repairs..... 102.32
Thawing catchbasins 16.50
Liability insurance 300.79
Clean pavement 2 884.08
Water, horse troughs 216.00
Street sprinkling 1,937.55
Cutting weeds 294.36
Water, street sprinkling.. 350.00
Gravel pit 27.00
Oil for machinery..... 2.65
Repair walks 18.83
Gas for mixer and trucks 654.50
Fuel for roller..... 42.53
Repairs for pavement.... 127.90
Insurance 115.08
Light, ward halls..... 29.75

Repairs, truck 490.95
Clean alleys 1,383.75
Crushed stone 830.51
Resurfacing with Tarvia.. 1,867.79
Miscellaneous supplies .. 661.39
General repairs 3,470.50
City's share state road... 6,139.25
Sanding walks 115.40
Filing saws 5.80
Comfort station 47.59
Auto repairs 105.35
Grading 1,546.03
Repairs, curb and gutter
East Front street 95.72
Raking stone 54.60
Right of way for street... 250.00
Use of car for engineer.. 360.00
Care for detour..... 25.50
Drinking fountains, water 20.00
Repairs, ward halls..... 160.04
Auto insurance 71.00
Randolph St. 160.00

Assessment, curb and
gutter, 10th St. hall... 82.50
Assessment, 6th and Ce-
dar St. sewer 235.41
Assessment, Elmwood Av.
school curb and gutter.. 75.00
Unloading wood from
Brown bridge 16.10
Expense, trip to Grand
Rapids 24.00

Total disbursements ... \$32,362.83
Balance Jan. 1, 1923 \$11,020.35

Wharf.
Bal. January 1, 1923..... \$682.27

Receipts.
Refund 2.48

Total receipts \$684.75

Disbursements.
Light and lamps \$ 59.00
Improving river at mouth.. 306.39
Work on pier 347.00
Supplies 455.80

Total disbursements ... \$1,168.19
Total receipts 684.75

Overdrawn Jan. 1, 1923... \$ 483.44

Cemetery.
Bal. Jan. 1, 1923..... \$1,559.32

Receipts.
Burials \$ 463.00
Care of lots 2,296.74
Grading and seeding..... 352.59
Extra grave service..... 162.00
Extra labor 121.00

ANNUAL REPORTS

Removal	68.00
Budget, 1922	1,500.00
Total receipts	\$6,702.56

Disbursements.

Sexton's salary	\$1,200.00
Horse hire	300.00
General labor	1,526.31
Care of lots	1,459.77
Liability insurance	49.81
Miscellaneous expense	68.64
Telephone	36.00
Water, house	12.60
Water, cemetery	350.00
Insurance	19.50
New tools	126.84
Grass and clover seed	34.00
Grading	114.55
Mains	28.00
House repairs	29.00

Total disbursements	\$5,355.02
Balance Jan. 1, 1923	\$1,347.54
Cemetery Extension and Improvement Fund.	
Bal. Jan. 1, 1922	\$1,906.86

Receipts.

Lots sold	\$1,814.64
Single grave	11.03

Disbursements.

Soil	\$ 864.00
Laying pipe	171.44
Grading	211.25
Markers	26.59
Hauling gravel	69.00

Total disbursements	\$1,342.28
Bal. Jan. 1, 1923	\$2,390.22
Cemetery, Perpetual Care.	
Balance Jan. 1, 1923	\$2,975.00

Receipts.

Care	1,108.00
----------------	----------

Bal. Jan. 1, 1923	\$4,083.00
Water, Liberty Bond Account.	
Bal. Jan. 1, 1923	\$5,000.00

Water Department.

Bal. Jan. 1, 1922	\$42,497.12
Schedule	\$ 6,394.62
Metered	18,220.95
Installing meters	106.00
Taps	600.00
Interest on deposits and Liberty bonds	1,612.32
Hydrant rental	9,275.00
Street sprinkling	350.00
Cemetery	350.00
Chlorine tanks returned	218.00
Coal sold	368.32
Material sold	479.93

Labor sold	122.75
Water for circus	25.00
High school tap	108.95
Catholic cemetery	50.00

Total receipts	\$80,778.96
---------------------------------	--------------------

Disbursements.

Expense for year	\$29,423.14
Interest on bonds	3,097.50

Total disbursements	\$32,520.64
Balance Jan. 1, 1923	\$48,258.32
Electric Light and Power Dept.	
Balance Jan. 1, 1922	\$5,548.12

Receipts.

Light and power	\$49,919.26
Interest on deposits and Liberty bonds	279.96
Refunds	19.60
Note of Fair Assn., to balance account	1,000.00

Total receipts	\$56,766.94
---------------------------------	--------------------

Disbursements.

Pay rolls	\$50,596.33
Balance Jan. 1, 1923	\$6,170.61

Office Building Fund.

Balance Jan. 1, 1922	\$1,000.00
--------------------------------	------------

Disbursements.

Repairs	252.00
-------------------	--------

Balance Jan. 1, 1923	\$ 748.00
Interest Account.	

Interest on deposits	\$ 475.89
Interest on Liberty bonds	3,075.00
Sale of bonds	448.60

Total receipts	\$3,999.49
Disbursed to various funds \$3,999.49	
Electric Light and Power Sinking Fund.	
Bal. Jan. 1, 1922	\$45,951.41

Receipts.

Discount on bonds	22.21
Interest	1,319.64

Balance Jan. 1, 1923	\$47,293.26
Brown Bridge Plant.	
Bal. Jan. 1, 1922	\$82,777.66

Receipts.

Refunds	2.36
-------------------	------

Total receipts	\$82,780.02
---------------------------------	--------------------

Disbursements.

Pipe	\$ 17.58
Cable	26.27
Estimates	58,132.85
Switchboard	5,050.17
Choke coils	281.77
Lightning arresters	1,932.23

ANNUAL REPORTS

Water guages	28.50
Crane and hoists.....	826.55
Chains	74.38
Gate hoists	249.75
Clips	3.7
Engineers	4,690.56
Plumbing cottages	1,301.10
Insurance	8.67
Miscellaneous supplies ..	3,533.79
Tainter gate	1.98
Roofing	2.89
Extension to gate	614.86
Substation	65.70
Waterwheels	706.11
Labor	5,230.56

Total disbursements ..\$82,780.02

Total receipts\$82,780.02

Balance Sheet.

	Cr.
Contingent	\$ 5,952.86
Printing	216.78
Health	333.64
Salaries	3,360.61
Fire Dept.	670.45
Police	2 621.69
Interest and sinking	36,931.23
Library	3,108.24
Light	3,218.56
Bridge	1,423.21
Park	418.44
General street	11,020.35
Cemetery	1,347.54
Cemetery Ext. and Imp.	2,390.22
Cemetery, perpetual care	4,083.00
Water	48,258.32
Water, Liberty bonds...	5,000.00
E. L. & P. Dept.....	6 170.61
Office building fund ...	748.00
Sixth & Cedar St. sewer	750.29
E. L. & P. sinking.....	47,293.26
General street, N. W. approach	13,505.54
E. Front St. curb and pavement	44.16
State tax	4,444.43
County tax	6,643.40
County road	3,284.42

Total\$213,239.25

	Dr.
General sewer	\$ 2,767.53
Wharm	483.44
Liberty bond account...	146,734.00
Lake avenue curb and gutter	445.72
W. 9th St. curb and gutter	771.82
W. 10th St. curb and gutter	791.08

12th & 13th St. sewer..	480.03
Randolph St. curb and gutter	2,060.7
E. Front St. paving No. 1	1 282.78
E. Front St. paving No. 2	9,132.37
General city tax.....	16,475.54
So. Union St. Imp.....	680.03
Cash	31,134.35
Total	\$213,239.25

Bonds Outstanding.

Electric light bonds—Due Jun
1932. Rate of interest, 4 1-2 per
cent, \$125,000.

Waterworks extension—Due Nov.
1, 1930, Rate of interest, 4 per
cent, \$11,000. Due June 1, 1928,
rate of interest, 4 1-2 per cent,
\$6,000. Due July 1, 1924, rate of in-
terest, 4 1-2 per cent, \$20,000. Due
April 1, 1929, rate of interest, 4 1-4
per cent, \$15,000.

Waterworks pump—Due April 1,
1929, rate of interest 4 1-4 per cent,
\$20,000.

Paving intersections—Due June
1, 1928, rate of interest, 4 1-2 per
cent, \$20,000. Due June 1, 1929,
rate of interest, 4 1-2 per cent,
\$6,000.

Bridge—Due August 1, 1928, rate
of interest, 4 1-2 per cent, \$6,000.

Park and Improvement—Due
July 1, 1932, rate of interest, 4 1-2
per cent, \$5,000.

Recreation and athletic—Due
July 1, 1936, rate of interest, 5 per
cent, \$50,000.

Brown bridge plant bonds—Due
serially, rate of interest, 6 per cent,
\$250,000.

Special paving bonds—Due serial-
ly, rate of interest, 5 per cent, \$40,-
000.

Total—\$574,000.

Assessed valuation, 1919—\$7,766,-
475.

Assessed valuation, 1920—\$7,834,-
290.

Assessed valuation, 1921—7,836,-
392.

Assessed valuation, 1922—\$8,032,-
840.

Tax rate, city purposes, per
1,000, 1919—\$10.44.

Tax rate, city purposes, per
\$1,000, 1920—\$12.45.

Tax rate, city purposes, per
\$1,000, 1921—\$14.30.

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Tax rate, city purposes, per \$1,000, 1922—\$14.42.

Tax rate, 1919—State, \$3.59; county, \$3.59; county road, \$2.05; school, \$9.18; 018.41.

Tax rate 1920—State, \$3.49; county, \$4.00; county road, \$2.00; school, \$12.00; \$21.49.

Tax rate, 1921—State, \$3.20; county, \$6.00; county road, \$2.00; school, \$15.70; \$26.90.

Tax rate, 1922—State, \$2.68; county, \$4.00; county road, \$1.98; school, \$17.30; \$25.96.

Inventory of City Office Building— Furniture and Fixtures, Clerk's and Treasurer's Office.

2 roll top desks.....	\$ 30.00
4 high desks	75.00
2 flattop desks	50.00
Sectional cabinets	275.00
2 swing chairs	15.00
2 small swing chairs.....	6.00
High desk chair	3.00
5 oak chairs	25.00
2 wardrobes	5.00
Table	3.00
Typewriter desk	10.00
2 typewriters	125.00
Adding machine	300.00
Adding machine	250.00
Addressograph	275.00
Water cooler	3.00
Letter press	3.00
2 document files	25.00

Sectional bookcase	25.00
2 safe cabinets	250.00
Paper baler	12.00
vault equipment	100.00
election outfits	200.00
6 steel letter files.....	60.00

\$2,125.00

Mayor's Office.

8 chairs	\$330.00
Table	92.65
Rug	120.13
Fireplace logs	31.16

\$573.94

Commission Room.

Table	\$ 12.00
6 desks	30.00
17 swing chairs	35.00
Mayor's chair	25.00
10 high back chairs	10.00
25 folding chairs.....	5.00

\$117.00

Assessor's Office.

Large desk	\$40.00
Swing chair	5.00
Oak chair	5.00
Desk lamp	2.00
Filing case	10.00

\$62.00

City ownership in building, one-half interest, \$4,000.

Department of Public Health and Welfare

FRED P. Boughey, Commissioner

To the Honorable Mayor and Commissioners of the City of Traverse City:

Gentlemen:—Herewith please find the librarian's report of the Traverse City public library for the year 1922. We are glad to report that at both the main and branch libraries more citizens are availing themselves of the library privileges. There has been a large increase in book circulation which is shown in the accompanying statistics.

To meet the demand for better library service for the residents of the Oak Park district, the library there is open three evenings during the week.

Faithfully yours,
LEE HORNSBY
LEON F. TITUS
ELSIE C. THIRLBY

February 3, 1923. Trustees.

Librarian's Report.

To the Board of Library Trustees:

I have the honor of presenting to you the Nineteenth annual report of the Traverse City public library for the year January 1 to December 31, 1922.

Circulation.

During the year the circulation of books from all departments totaled 52,364, a gain of 834 over the figures for the previous year.

Each year sees more residents of the county taking advantage of the privilege of drawing books and magazines from the library.

Registration.

The gain in the number of registered borrowers was 547, making the total registration 3,700.

Reference.

The reference work during the year has been unusually heavy. Special collections of reference books have been in almost constant use by the high school students, and the teachers are coming more and more to depend on the library for outside reference work.

Branch Library.

Our branch library continues to meet the needs of the residents of that section of the city. The library contains 2,634 volumes and had a total circulation this past year in books and magazines of 14,162. The gain in new patrons was 148, making a total registration of 800 borrowers' names.

In answer to many requests for library service in the evening, the board has decided to open the library three evenings of each week during the winter months. Mrs. Hornsby, the librarian, selected Tuesday, Thursday and Saturday evenings as being the best to accommodate her patrons.

Conventions.

The librarian and her assistant, Miss Evelyn Hammond, attended the forty-fourth annual meeting of the American Library association in Detroit the week of June 25-July 1 1922.

Auditorium.

When the library was moved into the new Carnegie building the auditorium was unfurnished. For the use of the room the Woman's club bought the chairs and some of the other furnishings. This fall the Woman's club moved to the Ladies' Library building, taking their furniture with them. This made it

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necessary for us to purchase new chairs to equip the room for the other societies.

We still have the following societies meeting in the library: City Federation of Clubs, Ministerial association, Child Conservation league.

Staff.

The first of September Miss Terese O'Connor resigned her position as assistant librarian in order to enter the Library school of the University of Wisconsin. Miss Elizabeth Parker accepted the position made vacant by the resignation of Miss O'Connor.

Gifts.

Thirty-two books, several magazines and numerous leaflets and pamphlets were the gifts to the library during the year.

We are indebted to the Herald and Record company for a daily copy of the Record-Eagle and also for the printing of the library's list of new books.

In closing I wish to express my appreciation to the library trust for their interest and cordial co operation and to my assistants for their loyalty and service.

Respectfully submitted

ALICE M. WAIT.

Librarian.

Statistical Report.

Number of adult books issued by classes—

	Main library	Oak Park
Fiction	20,233	6,113
Philosophy	194	1
Religion	83	6
Sociology	586	22
Philology	22	2
Natural science . .	167	9
Useful arts	525	195
Fine arts	722	19
Literature	963	51
History	493	150
Travel	417	39
Biography	286	13
General works . . .	363	514
	25,961	8 200

Total number of adult books issued—34,161.

Number of juvenile books issued by classes—

	Main library	Oak Park
Juvenile-fiction . .	9,271	4,693
Philosophy	7	1
Religion	42	20
Sociology	801	262
Philology	10	10
Natural science . .	152	106
Useful arts	114	37
Fine arts	81	48
Literature	265	130
History	139	116
Travel	141	10
Biography	90	15
General works . . .	362	514
	11,476	5,962

Total number of juvenile books issued—17,438.

Boardman school library—765.

Total number of juvenile books issued—18,203.

Total number of books issued—52,364.

Number of volumes in the library by classes—

	Main library	Oak Park
Fiction	3,622	959
Philosophy	155	11
Religion	260	24
Sociology	528	23
Philology	48	10
Natural science . .	359	23
Useful arts	426	43
Fine arts	286	5
Literature	980	93
History	905	76
Travel	450	43
Biography	421	130
General works and bound magazines	1,491	130
Crochet books . . .	129	1,573
Michigan documents	477	1,573
Michigan pamphlets . . .	1,116	
U. S. documents..	569	
U. S. pamphlets..	5,238	
U. S. geologic atlases	238	
Art collections . . .	4	
Stereoscope travels	6	
	17,708	

Total number of adult books in the library—19,281.

Number of juvenile books in the library by classes—

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	Main library	Oak Park
Juvenile-fiction . . .	1,456	756
Philosophy		3
Religion	34	13
Sociology	114	51
Philology	4	1
Natural science . . .	74	42
Useful arts	41	12
Fine arts	32	11
Literature	70	34
History	58	33
Travel	56	38
Biography	68	22
General works	172	45

2,179 1,061

Total number of juvenile books in library—3,240.

Total number of books in the library—22,521.

Number of adult books added this year by classes—

	Main library	Oak Park
Fiction	182	51
Philosophy	10	
Religion	10	
Sociology	45	
Philology	1	
Natural science	9	1
Useful arts	23	5
Fine arts	28	1
Literature	29	
History	29	
Travel	23	2
Biography	15	
General works	62	4

466 64

Total number of adult books added this year—530.

Number of juvenile books added this year by classes—

	Main library	Oak Park
Juvenile-fiction	73	40
Philosophy		
Religion		
Sociology	16	3
Philology		
Natural science	1	
Useful arts		
Fine arts		
Literature	1	2
History		
Travel		
Travel		3
Biography		
General works	3	4

94 52

Total number of juvenile books added this year—146.

Total number of books added this year—676.

Reading Rooms.

	Main library	Oak Park
Men	4,820	534
Women	3,430	669
Children	6,611	3,173

14,861 4,376

Total number of visitors in the reading rooms—19,237.

Number of patrons for the main library—3,700.

Number of new patrons for the year 1922—547.

Number of patrons for the branch library—800.

Number of new patrons for the branch library for 1922—148.

Number of books rebound for the two libraries—396.

Number of magazines bound for the two libraries—104.

	Main library	Oak Park
Magazines purchased	71	20
Magazines donated . .	14	12
Newspapers purchased	3	3
Newspapers donated	4	

Number of books worn out 69 34

Number of books destroyed 3

Number of books lost 184 95

253 132

Total number destroyed, lost or worn out—385.

Rental Collection.

Number of books in the rental collection January 1, 1922—21

Number of new books added during the year—10.

Total number of books in the rental during the year—31.

Total number of books withdrawn from the rental during the year—17.

Number of books lost during the year—4.

Total number of books in the rental January 1, 1923—10.

Amount of money collected from the rent of the books and used to purchase new books for this collection—\$17.83.

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List of Donors.

Academy of Political Science; American Institute of Mining and Metallurgical Engineers; American Jewish Committee; American Society of Civil Engineers; American Telephone & Telegraph Co.; Anthracite Bureau of Information; Antioch College Bulletin; Armour and Company; Association of Railway Executives; Bahai Library Committee, Washington, D. C.; Beloit College; Bituminous Coal Operators' Information Bureau; Board of Agriculture; J. D. M. Buckner; Carnegie Endowment for International Peace; E. H. Cherrington; Chicago Daily News; John L. Childs; Civic and Commercial Association; Colorado State Teachers College; Columbia University; Committee of American Business Men; Commonwealth Press; W. W. Dean; Dearborn Publishing Company; Detroit Chapter, Sons of the American Revolution; Detroit News; Detroit Public Library; Director of Athletics, Mens' Gymnasium, Urbana, Ill.; Experiment Station, Michigan Agricultural College; Eyesight Conservation Council of America; Fair Tariff League; Farm Journal; Farm Mortgage Bankers Association of America; A. L. Fowle; Fox Film Corporation; Grand Rapids Public Library; Harcourt, Brace and Co.; Victor Harding; Hawaii Tourist Bureau; Hupp Motor Car Corporation; Illinois Commandery; International Health Board; Kindergarten Unit in France; Lake Forest College; League of Nations News Bureau; Ivy L. Lee; Lithuanian Information Bureau; McAtashy, James & Co., Pub.; Maple Flooring Manufacturers Association; Maryland University; Metropolitan Life Insurance Co.; Michigan Agricultural College; Michigan College of Mines; Michigan Committee on Public Utility Information; Michigan Historical Commission; Michigan State and Biological Survey; Thomas E. Mitten; Claudia R. Murphy; National Association of Book Publishers; National Association of Manufacturers; National Automobile Chamber of Commerce; Na-

tional City Company; National Lutheran Council; New York Music Week Committee; New York Stock Exchange; Open Court Publishing Co.; Peabody Conservatory of Music; Peter Bohlander & Sons; Philadelphia Rapid Transit Co.; Public Domain Commission; Rensselaer Polytechnic Institute; Rockefeller Foundation; John D. Rockefeller; Southern Pine Association; State Geological and Biological Survey; Swift & Company; Dr. James E. Talmage; Sen. Charles E. Townsend; Traffic Department, Portland, Ore.; U. P. Development Bureau; U. S. Bureau of the Census; U. S. Dept. of Commerce; U. S. Dept. of Interior; U. S. Interstate Commerce Commission; U. S. Steel Corporation; University of Maryland; University of Pennsylvania; University of Washington; Raymond E. VanSycle; Western Reserve University; Yozo Tamura.

To the Honorable Mayor and City Commission:

Gentlemen:—The electric light and power department of the city of Traverse City submits its annual report for the year ending December 31, 1922.

This department has had a very busy, also a very successful year. It has made a lot of expensive improvements and extensions throughout the city, and along the main transmission lines, to the extent of about \$18,000. These include:

New line from the 14th street substation to the new cold storage

Plant, including transformers and meters.

New line to Johnson-Randall Co. plant, including transformers and meters.

New feeder line from the 14th street substation to the downtown district.

Rebuilt the main transmission line across the swamp at Keystone plant.

Rearranged a number of our lines and transformer banks in the city.

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Installed a number of new street lights.

This department feels gratified to know that it has been able to make all the above extensions out of its own earnings, as you will note by the attached report.

Yours very truly,

WILLIAM LOVE,

Superintendent.

Assets.

Cash on hand.....	\$ 5,864.88
Accounts receivable	12,362.06
Inventories—	
Store	\$1,102.22
Lamps	707.16
Insurance	126.24
Poles	753.05
Liability insurance	299.85
Keystone plant—	
Buildings ...\$	3,177.61
Dynamos and switchboard	13,048.15
Waterwheel	9,180.80
Dam and flume	38,599.58
Pole line ...	26,693.32
Arc lights ..	10,828.31
Transformers	19,833.28
Meters ...	11,882.59
Tools	193.52
Substation ..	8,839.86
Office fur. & fixtures ...	670.20
Dist. L.	40,624.25
Land	22,690.40
Office build'g	1,500.00
Fish ladder ~	816.90
	\$208,578.77
Brown bridge plant—	
Buildings .. \$	20,719.13
Generators	18,664.84
Waterwheel	11,083.52
Dam	186,729.24
Pole line ...	11,883.11
Transformers	12,155.41
Substations	5,507.42
Land	1,500.00
	\$268,242.67
Sinking fund	47,284.97
Automobile ..	308.56
Truck	1,311.52
	\$546,941.95

Liabilities.

Bonds	\$375,000.00
Accounts payable	517.87

Interest, 1 month due...	442.81
Deposit for current	467.62
Contingent fund liability	11,147.12

\$387,575.42

Income.

Current sold—	
Metered cur't	\$29,095.72
Schedule . . .	9,141.29
Power	9,370.68
	\$47,607.69

Expense—

Station	\$ 5,977.82
Outside	7,986.65
General	20,205.15
	\$34,169.62

Profit \$13,438.97

Wiring—

Receipts	\$3,684.02
Mat'l	\$2,474.79
Labor	880.21
	\$3,355.00

Profit \$ 329.02

Store—

Inv't'y Dec. 31, '21	\$1,745.37
Goods bought	4,994.98

On hand Dec. 31, 1922...\$1,102.22

Lamps—

Inv't'y Dec. 31, '21	\$ 998.53
Lamps purchased ..	788.12

Total \$1,786.65

Sales, 1922 \$1,079.49

On hand Dec. 31, 1922.....\$707.16

Total income, store

and lamps\$6,265.53

Total expense 6,083.07

Profit on sales\$182.46

Expense.

Keystone station—

Labor	\$3,780.00
Grounds	205.92
Dynamos and switchboard	57.74
Waterwheel . . .	9.73
Tools	59.87
Dam and fluesm	3.00
Oil and waste ..	.23
Substation . . .	174.23
Miscellaneous .	28.23
	\$4,318.95

Brown bridge—

Labor	\$1,440.00
Grounds and buildings . . .	182.60
Waste	29.05
Waterwheel . . .	7.22

\$1,658.87 \$ 5,977.92

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Outside—

Pole line	\$4,461.06	
Street lights ...	765.79	
Incandescent . .	65.18	
Meters	151.31	
Transformers ...	266.03	
Shop	69.46	
Reading meters	456.81	
Trouble	1,751.01	\$ 7,986.65

General—

Office labor ...	\$1,488.68	
Supplies	190.14	
Interest	5,312.52	
Insurance	69.00	
Taxes	468.80	
Soliciting bus.	15.00	
Superintendence	2,059.97	
Depreciation ...	7,728.17	
Office expense	158.94	
Liability insurance	755.19	
Donations . . .	98.13	
Light	152.56	
Auto	528.42	
Janitor	390.00	
Truck	789.63	\$20,205.15

Total \$34,169.62

Profit and Loss.

Dr.

Lost in fire, 867		
E. 8th St., trans		
former	\$ 35.00	
Lost in fire, 867		
E. 8th St., meter	8.42	
Loss on ex-		
change of car...	146.92	
Breakage and		
loss on lamps...	158.95	\$ 349.29
	Cr.	

Profit on purchase of bonds	\$ 13.92	
Old account collected	7.80	
Interest on bonds	1,319.64	
Hay sold from Keystone .	50.00	
Interest on deposits	279.96	
Profit on current	13,438.07	
Profit on store	182.46	
Profit on wiring	329.02	
Net profit, 1922		15,271.58
	\$15,620.87	\$15,620.87

Bonds Outstanding.

Nos. 1-90 and 115-150; interest at 4 1-2 per cent; amount, \$10,000. Total—\$125,000. Due June 1, 1932. On Keystone plant.

Nos. 1250; interest at 6 per cent; amount, 1,000. Total—\$250,000. On Brown Bridge plant. Dated May 2, 1921.

First \$5,000 due each year June 15, 1924-28 inclusive.

Next \$7,000 due each year June 15, 1929-33 inclusive.

Next \$9,000 due each year June 15, 1934-39 inclusive.

Next 12,000 due each year June 15, 1939-43 inclusive.

Next \$15,000 due each year June 15, 1944-48 inclusive.

Next \$10,000 due each year June 15, 1949.

To F. P. Boughey, Commissioner of Public Health and Welfare:

Dear Sir:—I am pleased to submit the following report covering operations at the cemetery for the year 1922, together with an inventory of all tools and equipment for the same.

You will notice that the amount we receive for care of lots is increasing every year.

Graded 20 blocks in new cemetery.

Graded and graveled 20 rods of road in old cemetery.

Made 18 new water taps.

Graded 30 single lots.

Set out 30 shade trees.

Burials, 142.

Had 650 lots for annual care.

Had 23 lots for perpetual care.

Respectfully.

C. S. GABRIEL,

Sexton.

Inventory of Cemetery Equipment. December 31, 1922.

1,750 ft. of 5-8 inch hose...	\$ 210.00
4,000 ft. of 3-4 inch hose...	320.00
6 cycles	3.00
Crowbar	1.00
5 grave linings.....	2.50
Canvas dirt cover.....	12.00
110 sprays	15.00
2 lawn mowers	6.00
3 axes	3.00

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4 steel rakes	2.00	Wagon	10.00
3 lawn rakes	1.00	3 ladders	6.00
4 shovels	2.50	Sleighs	10.00
2 spades	1.00	Sod cutter .....	.75
2 pairs pruning shears....	2.00	Level	1.50
2 pipe wrenches	2.00	Misc. articles	72.75
4 scythes	4.00	House, lot, barns, tool	
15 iron benches.....	20.00	sheds	2,000.00
20 wooden benches.....	20.00	Total	<u>\$2,728.00</u>

Department of Public Safety

George W. Lardie, Commissioner

Traverse City, Mich., Jan. 2, 1923.
To Geo. W. Lardie, Commissioner
of Public Safety:

I herewith take pleasure in submitting the annual report of the police department for the year of 1922.

Alvin Bennett reported being held up by three men and robbed of \$4.00. Investigated same.

Henry Wilkins reported being held up by three men and robbed of \$15.00.

Howard Smith arrested for being drunk and disorderly. Fined \$25 and \$4.20 costs.

Joseph Sleder reported meat market and store broken into. Parties apprehended but no arrests made.

Notified proprietors of stores to remove punch boards.

Notified John Kauer in regard to complaints for selling hard cider.

P. M. R. R. reported boxcar broken into. Nothing stolen.

Howard Smith arrested for violation of liquor laws.

George Effelberg arrested for violation of liquor laws.

Ed. Cooper arrested for being drunk and disorderly. Fined \$25 and costs.

Kenneth Swisher, Conley Ayers, Willard DeWitt, Joe Bable, Howard Norton, Otto Paul and Bert Lensen apprehended for breaking into Country club.
Paid \$50 damages.

Kenneth Watson and Ralph Shannon apprehended for breaking into Albert Novotny's soft drink parlor, stealing \$100. Taken to probate court and put on probation for one year.

Notified proprietors of pool rooms to keep students and minors under 18 years of age out of pool rooms.

Bomb placed in A. W. Wiedoft's car. Investigated same.

Mrs. F. M. O'Hara of P. M. eating house reported between \$61 and \$70 stolen. Investigated same and found report untrue.

One overcoat and one umbrella reported stolen from Central M. E. church. Recovered umbrella.
arrest made.

Most Champney reported battery stolen from car.

Morris Bell reported two tires and rim stolen from car.

William Darrow and William Mahn reported their stores broken into. Nothing stolen.

Joe Krentz arrested for being drunk and disorderly. Fined \$3 and \$2.75 costs.

W. O. Foote reported car stolen. Recovered same.

Charles W. Wentz apprehended for Sheriff J. E. Howard of Hamilton county, Neb.

Leo Smith apprehended for stealing \$150 diamond ring. Ring recovered and no arrest made.

Harvey Thompson apprehended for breaking into Anthony Heleski's boat and stealing a pair of field glasses. Recovered glasses and no arrest made.

James Murchie reported his shop broken into. Gas tank stolen.

Fred Ferris reported shop broken into and two gas tanks stolen. Same have been recovered.

Broke up a poker game. No arrests made.

Daryl Anderson arrested for speeding. Fined \$10 and costs.

George Parker arrested for speeding. Fined \$10 and costs.

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William Bowman arrested for speeding. Fined \$10 and costs.

Harold Beatty arrested for speeding. Fined \$10 and costs.

George Hoffman arrested for reckless driving. Fined \$15 and \$2.75 costs.

Arthur Allen arrested for driving car while intoxicated. Fined \$75 and \$5 costs.

Bert Snell arrested for being drunk. Put on six months probation.

Leo Moran arrested for being drunk. Fined cost, \$2.75.

Clem Bigger arrested for being drunk. Fined cost, \$2.75.

Herman Happy arrested for disorderly conduct. Fined \$5 and \$4.20 cost.

J. H. McGough estate reported warehouse broken into.

A. J. Wilhelm reported clothing store broken into.

Guy Tompkins arrested while driving car while intoxicated. Fined \$75 and costs.

Amil Barber apprehended for stealing \$20 from Mrs. J. W. Jackson. Money recovered and no arrest made.

Apprehended three girls for shoplifting. Goods recovered and no arrest made.

Paul Johnson arrested for cutting corners. Fined \$5 and costs.

Grand Traverse Auto Co. reported about \$15 stolen.

Hugh Spaulding reported car stolen. Recovered same.

John Thacker reported store broken into. About \$8 stolen.

Charles May reported store broken into. Nothing stolen.

George Anderson arrested for driving car without operator's license. Fined \$5 and \$2.75 costs.

Apprehended Fuller, Hodge, Peer, Chambers and Makings for Sheriff Densmore.

George Gee reported car stolen. Recovered same.

Joseph Bamkousky arrested for driving car while intoxicated. Fined \$50 and costs.

Tony Shumsky arrested for being drunk and disorderly. Fined \$25 or 30 days. Took 30 days.

Elmer Caine arrested for being drunk and disorderly. Fined \$25 or 30 days. Took 30 days.

Ed. LaValley arrested for being drunk and disorderly. Fined or 10 days. Paid.

Fred Ferris apprehended for Kalaska sheriff.

James Murchie reported oxygen tank stolen. Recovered same.

Cadillac Produce Co. office broken into and typewriter stolen.

Silas Downer killed at the 8th street crossing by a Pennsylvania train.

Mrs. Arthur McManus killed on the E. 8th street crossing by a Pere Marquette train.

F. E. Sheldon arrested for driving car while intoxicated. Fined \$50 and costs.

Burr McManus arrested for driving car while intoxicated. Fined \$75 and costs.

George Rousch reported robe stolen from car. Recovered same. No arrest made.

Felix Miller reported robe stolen from car. Recovered same. No arrest made.

Charles Morrison reported car stolen. Recovered same.

Felix Miller arrested for running gambling room. Fined \$25 and \$3.95 costs.

George Newberry, George Madison, Grover Hammond, Peter Gillis, Martin Newstead and E. A. Kellogg arrested for gambling. Fined \$10 and \$3.95 costs each.

Alex Norris arrested for being drunk and disorderly. Fined \$10 and \$2.75 costs.

In conclusion I wish to thank the mayor and city commissioners for their co-operation shown this department in the past and hope it may continue in the future.

Yours respectfully,

JOHN M. BLACKEN,
Chief of Police.

ANNUAL REPORTS

Traverse City, Mich., Dec. 23, 1922.
To the Hon. Geo. W. Lardie, Com-
missioner of Public Safety:

Inventory of equipment of Trav-
erst City police department—

Automobile	\$300.00
Large folding desk	40.00
2 small desks	30.00
10 chairs	30.00
Filing cabinet	10.00
Atlas	10.00
Stationery and office sup.	10.00
10 police badges	10.00
10 police caps	32.00
14 hydrant and theater tar- gets	50.00
Revolver	10.00
Rasmussen drag	10.00
2 pairs handcuffs	12.00
6 police clubs	6.00
6 window screens and one screen door	5.00
10 drag hooks	5.00
2 letter files	2.00

\$572.00

Respectfully submitted,
JOHN M. BLACKEN,
Chief of Police.

To the Commissioner of Public
Safety:

Dear Sir:—The water depart-
ment herewith submits a brief re-
port for year ending December 31,
1922.

The following is the pumpage
for the year: 699,202,000 gallons,
an average of 1,915,600 gallons
daily, as compared to last year. We
delivered 36,918,000 gallons less
than in 1921.

Statistical Report.

Total cubic feet delivered	90,560.207
Total cubic feet metered	28,274.055
Total cubic feet scheduled	62,286.152
Total expense	\$31,897.35
Income from metered water	16,838.03
Income from scheduled water, fire hydrant, etc.	16,692.30
Cost per 1,000 cubic feet to deliver . . . . .	.35
Income per 1,000 cubic feet metered water . . . . .	.59
Income per 1,000 cubic feet schedule water . . . . .	.27

During the year we installed 60
new 3-4 inch taps or services, be-
sides several of larger size, includ-
ing a 4 inch tap at the Traverse
City Packing company, also a 4
inch tap at the new high school.
We installed 125 new water meters.

Extensions to the water mains
consisted of extending the 6 inch
main on East Front street 800 feet
to a point opposite the second gate
at the Fair grounds; also 300 feet
in the Fair grounds, and placing
two fire hydrants on this extension.
Main was extended 1800 feet on
West Twelfth street from Wads-
worth street to Division, three fire
hydrants installed, and one new
fire hydrant on high school grounds.

We installed taps or services at
every vacant lot and residence not
already served on Union street
where pavement was laid, on Elm-
wood to Division street.

I would recommend that water
main on West Fourteenth street be
extended two blocks. Also that a
new main be installed on Spruce
street from Randolph to Wayne
street, and two blocks on West
Thirteenth street from Union to
Pine street.

I would further recommend the
installing of water meters as rap-
idly as possible.

Respectfully,

W. S. WILLIAMS,
Superintendent.

BALANCE SHEET, Dec. 31, 1922.

Assets.

Treasury	\$ 48,258.32
Accounts receivable	4,732.15
Inventory (supplies)	4,281.84
Insurance—	
Fire	\$160.16
Liability	80.00
Automobile	19.25
Discount (on water paid in advance)	101.34
Liberty bonds	5,000.00
Deposit for chlorine	40.00
Automobile	150.00
Plant—	
Real estate \$	9,438.67
Buildings	13,973.65
Boiler No. 1	2,000.00
Boiler No. 2	2,000.00
Pump No. 1	19,000.00

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Pump No. 2 .	19,000.00
Intake	5,000.00
Auxiliary machinery	745.00
Mains	134,284.01
Hydrants . .	9,665.55
Service taps	24,627.06

Expense.

Pumping—	
Engineers . . .	\$4,140.00
Firemen	3,448.00
Coal	7,802.00
Wood . . . . .	.88
Oil	118.57
Gas	2.80
Waste	9.35
Packing	270.78
Electric light	304.31
Lamps	10.69
Record'g chart	4.41
	\$16,111.79

Maintenance—

Boilers 1 & 2 . .	\$404.81
Pumps 1 & 2 . . .	295.20
Buildings	161.50
Mains	64.72
Hydrants	688.49
Aux. Mach'y . . .	7.44
Grounds	90.00
Services	144.76
Meters	264.32
Misc. equipment	60.92
	\$ 2,182.16

General expense—

Supt.	\$1,680.00
Clerk hire	600.00
Printing etc. . .	104.50
Supplies	72.66
Postage and delivering bills	44.51
Misc. expense	15.95
Laundry	7.95
Depreciation	6,253.28
Fire insurance	141.51
Interest	3,097.56
Liability insurance	163.02
Reading meters	201.35
Chlorine	118.41
Turn on and off	297.00
Auto insurance	13.75
Truck	189.24
Electric pumps	602.71
	\$13,603.40

\$31,897.35

Income.

Water sales—	
Schedule rates\$	6,667.30
Meter rates . .	16,838.03

Sprinkling:	
Streets	350.00
City cemetery	350.00
Catholic cem.	50.00
Hydrant rent'l	9,275.00
	\$33,530.33
Revenue—	
Taps	\$ 600.00
Install'g meters	107.00
Interest on deposits	1,399.82
Meter rental . .	1,633.00
Interest on Liberty bonds	212.50
	\$ 3,952.32
Total receipts	\$37,482.65
Total expense	31,897.35

Total profit \$ 5,585.30

Additions to Plant.

Meters	\$1,604.19
Installing meters	263.00
Taps	1,439.43
Meter boxes and covers..	154.25
Mains	2 807.29
Hydrants	229.05
	\$6,497.21

Credit.

Profit on merchandise and labor sold	\$3,952.32
Profit on water sales	1,632.98
	\$5,585.30

Bonds.

Name, Extension; amount, \$1,000; due, 11-1 1930; rate, 4 per cent; annual interest, \$40.	
Name, Extension; amount, \$10,000; due 11-1-1930; rate, 4 per cent; annual interest, \$400.	
Name, Extension; amount, \$20,000; due, 7-1-1924; rate, 4 1-2 per cent; annual interest, \$900.	
Amount, \$6,000; due, 6-1 1928; rate, 4 1-2 per cent;; annual interest, \$270.	
Amount, \$15,000; due, 4-1 1929; rate, 4 1-4 per cent; annual interest, \$637.50.	
Amount, \$20,000; 4-1 1929; rate, 4 1-4 per cent; annual interest, \$850.	
Total amount, \$72,000; total annual interest, \$3,097.50.	

Statistical Report.

Total gallons pumped	714,949,000
Cu. ft. pumped (7 1-2 gals. 1 cu. ft.)	95,326,533

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5 per cent slippage of pumps	4,766.326
Total cu. ft. delivered... .	90,560,207
Total cu. ft. metered... .	28,274,055
Total cu. ft. scheduled.. .	62,286,152
Total expense	\$31,897.35
Income from metered water	16,838.03
Income from schedule water, fire hydrant, ets. .	16,692.30
Cost per 1,000 cu. ft. to deliver . . . . .	.35
Income per 1,000 cu. ft. metered water . . . . .	.59 plus
Income per 1,000 cu. ft. schedule water . . . . .	.27 plus
Inventory.	

Meters	\$ 456.15
Mains	1,409.73
Taps	190.00
Hydrants	320.86
Pipe and fittings.....	31.12
Pump valves	74.62
Buildings—	
Paint (roof) ...	\$28.06
Soap	2.04
Boilers—	
Paint	\$6.46
Fire brick	7.00
Coal on hand	1,618.18
Chlorine	21.65
Waste	5.41
Packing	65.02
Oil and grease	33.58
Boiler compound	11.96
	<u>\$4,281.84</u>

To Geo. W. Lardie, Commissioner of Public Safety:

Dear Sir:—I take pleasure in submitting herewith the twenty-sixth annual report of the Traverse City fire department for the year ending December 31, 1922.

During the year the department responded to 83 alarms, 20 of which were box calls; 40 five hundred alarm calls; 23 by telephone; 3 false alarms; 36 sparks from chimneys; 2 cigarettes; 12 overheated stoves and furnaces; 7 chimneys; 3 defective chimneys; 3 oil stoves; 3 unknown; 2 combustion; 4 overheated stovepipes; flatiron; tar bucket; oil on floor; brush fire; wooden oven; hot ashes; matches; over boiling pitch.

There was 7,590 ft. of 2 1-2 inch hose laid; 1,064 ft. of ladders used; 962 gallons of chemical used; 125 gallons of water used in hand pumps; 2 1-2 gallons of Fire Foam used; 2 quarts of Pyrene.

The valuation of buildings and contents involved in these fires amounted to \$531,000.

The valuation of property involved that was insured amounted to \$431,000.

The insurance carried on the above amounted to \$300,000.

The insurance collected on the above amounted to \$28,782.

The valuation of the property involved that had no loss amounted to \$115,000.

Losses not covered by insurance amounted to \$3,000.

Inventory of Department.

2 horses	\$ 300.00
Set harness and 6 collars..	125.00
6 horse blankets.....	18.00
10 ladders	400.00
10 nozzles	250.00
2 cellar nozzles	50.00
6 hand extinguishers	150.00
Wire cutter	25.00
2 hose shutoffs	30.00
3 Pyrenes	30.00
Hose expander	15.00
Indicator	100.00
2 registers	150.00
3 gongs	230.00
Battery, contents and board	75.00
Beds, blankets, etc.....	250.00
Chairs and desks.....	50.00
2 sliding poles	35.00
6 axes	12.00
Runners and slides.....	75.00
Hand truck	25.00
4 carts	250.00
2 sleighs	100.00
Lung motor	100.00
Deluge set	50.00
2 engines	8,000.00
45 Gamewell boxes.....	3,930.00
14 mi. overhead wire.....	485.00
5,000 ft. 2 1-2 in. hose....	4,000.00
Buick car	1,336.00
Cadillac truck and deluge pump	4,535.00
Pierce Arrow truck.....	2,000.00
Peerless chemical and hose truck	2,000.00

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In conclusion I wish to express my apprecaition for the courtesies extended and the attention given this department throughout the past year, and trust the same will

continue throughout the present one.

Respectfully submitted,

F. C. NEWMAN,
Chief of Department.

Department of Public Works and Property

J. A. GARLAND, Commissioner

Traverse City, Mich., Dec. 30, 1922.
To the Mayor and Commissioners
of Traverse City, Mich.:

Gentlemen:—I hereby make an annual report of work done in the Department of Public Works and Property during the year 1922 as follows:

Three thousand, two hundred feet of storm sewer was laid this year, 4,000 feet of sanitary sewer was laid this year.

A curb and gutter was laid on Randolph street from Cedar street to Madison street; on South Union street from Twelfth street to Fourteenth street; on West Front street from Cedar street to Elmwood avenue and on Elmwood avenue from Front street to Bay street. Also catchbasins at all intersections of above named streets on which curb and gutter was laid.

The creek on West Front street west of Madison which has caused so much trouble for past years by overflowing, was deepened and new and larger culvert pipes were laid, increasing water outlet about three times its original capacity. Also creek on Madison street and Spruce street was dug deeper and new and larger pipes were laid, thus doing away with floods which occur in this locality. An extra outlet of this creek was dug to the bay at the north end of Spruce street. This creek now has two outlets, one on Cedar street, and one on Spruce street. Most of creek is now under cover and is run through large Armco steel culvert piping and is considered a very good and permanent improvement.

Randolph street hill was graded and graveled. All gravel streets in the city were resurfaced with gravel and our Fordson tractor was equipped so as to pull our street grader, and by this means every street in the city has been graded at very little expense and has kept streets in best possible shape.

Four sprinklers were repaired and run in dry weather to keep dust down and road surface firm.

Tarvia and crushed rock was put on pavements on Washington street, Fifth street, seventh street, State street from Boardman avenue to Railroad avenue, Wadsworth street from Front street to Sixth street also. All bridges were resurfaced with Tarvia and crushed rock.

A sand fill was made at the north and south ends of Cass street bridge and a new catch basin was placed at north end of Cass street bridge to take care of storm water. All alleys were cleaned up in good shape all over entire city.

City gravel pit was cleaned of rubbish, large rock and sand so as to obtain a better grade of gravel.

A septic tank was built at the Worth plant on Bay street, as no sewer accommodations were possible.

Twenty-five brick manholes were built for sewers and sewer connections.

General repairs on all sewer lines in the city were made.

Bridges were all kept in good shape.

All city parks were cared for in the best possible manner.

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Many minor repairs were made which are too numerous to mention.

The department has been kept in the best of shape under the careful work of its superintendent, George Lardie, to whom is due a great deal of credit, and everything is being put in readiness for the year of 1923.

Respectfully submitted,

J. A. GARLAND,

Commissioner of Public Works and Property.

Inventory General Street Property January 1, 1923.

East Bay park.....	\$ 1,500.00
Land corner Cass and Washington streets ...	1,000.00
Bay street tool house and lot	1,200.00
Lake avenue park.....	2,000.00
Gravel pit, 20 acres.....	1,000.00
Third precinct building and lot	3,000.00
Second precinct building and lot	2,500.00
Fifth precinct building and lot	1,000.00
Market site, including tool house and weigh office	16,000.00
Hannah park	4,000.00
Sunset park	8,550.00
Peninsula street park...	4,000.00
Bay street park	3,500.00
Dumping grounds	500.00
3 sprinklers	600.00
Steam roller	2,000.00
Steam engine	700.00
Truck wagon	35.00
2 dump wagons	150.00
9 snowplows	55.00
Trench pump and hose..	40.00
60 trench jacks	90.00
Paving tricks	25.00
2 crowbars	2.00
17 picks	12.00
8 lanterns	4.00
10 hoes	3.00
20 pavement scrapers ...	30.00
2 handsaws	3.00
2 mattocks	1.20
Cross saw	1.00
4 hammers	2.00
Sewer rod	10.00
Oil distributor	400.00
Scraper	3.00
2 blocks and tackle	12.00
6 concrete tampers	6.00

Vise	4.00
2 axes	1.50
Pump and pipe	6.00
5 sledges	3.00
7 hydrant wrenches.....	1.75
Heavy wagon	50.00
Road grader	125.00
2 levels	1.50
2 hand screens	3.00
3 pails	1.50
2 sets sidewalk finishing tools	2.00
2 squares .....	.30
Mixing box	1.00
Brick trowel .....	.50
Hose repair outfit .....	.50
Monkey wrench .....	.40
Leveling block	1.00
Heavy tamper	2.00
2 canthooks	1.50
Hand level	1.00
2 pairs brick tongs	2.50
2 pinch bars	1.50
3 1-gallon oil cans .....	.50
Pair of tongs for raising walks	5.00
Handy wagon	24.00
Plow	16.00
Breakup plow	20.00
Gasoline cement mixer..	200.00
400 set garden hose.....	20.80
5 doz. C. G. B. sprinklers	8.75
15 snow shovels	9.00
2 iron garden rakes.....	1.50
2 garden spades.....	1.50
Wrench	1.50
4 wheelbarrows	4.00
40 lawn seats	30.00
2 Tarvia kettles	200.00
6 Tarvia cans	6.00
Brace and 3 bits	2.00
2 pairs sleighs	75.00
6 potato forks	6.00
Writing desk	15.00
3 chairs	3.00
21 No. 2 shovels.....	10.00
Grindstone	2.50
Set heavy harness	50.00
3 horses	900.00
Truck	2,000.00
Heating stove	15.00
Flusher	900.00
Expansioner	10.00
2 pairs rubber boots.....	5.00
Pile driver	400.00
Scarifier	415.00
City auto	500.00
New grader	500.00
400 ft. new hose	400.00

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64 ft. of 15 in. tile	115.20
872 ft. of 10 in. tile	915.60
47 ft. of 8 in. tile	32.90
36 ft. of 18 in. tile	90.00
200 ft. of 12 in. tile	270.00
Fordson tractor	900.00
3 No. 4 shovels.....	8.00
5 pairs rubber boots.....	16.00
Total	\$63,250.10

To Geo. W. Lardie and Arthur Garland, Commissioners of Public Works and Property, Traverse City, Mich.

Dear Sirs:—I hereby submit the annual report of the City Market for the fiscal year ending December 31, 1922.

Total number head of stock weighed, 1871, consisting of	
Dogs	908
Cattle	408
Quarters of dressed beef.....	61
Sheep	327
Horses	225
Cules	6
okes of oxen.....	1

Poultry.

umber of loads	21
----------------------	----

Grain.

orn	28
ats	26
heat	7
ye	10
uckwheat	1
beans	18

Vegetables and Fruits.

potatoes	1,056
abbage	19
pples	234

Apple pumice	11
Cherries	22

Miscellaneous.

Coal	739
Coke	1,304
Autos	316
Motorcycles	5
Trailers	23
Hay	241
Straw	10
Manure	173
Iron	221
Brass	3
Copper	2
Lead	9
Paper	143
Rags	17
Rubbers	5
Household goods	14
Stone	41
Ice	21
Machinery	17
Salt	16
Gravel	11
Moulding sand	2
Hides	6
Wood	4
Sleighs	3
Camping outfits	3
Honey	2
Lumber	1
Rope	1
Express	1
Burlap	1
Cooperstock	1
Total number of tickets used	5,441
Void tickets	3

Total tickets	5,438
Total cash receipts	\$543.80

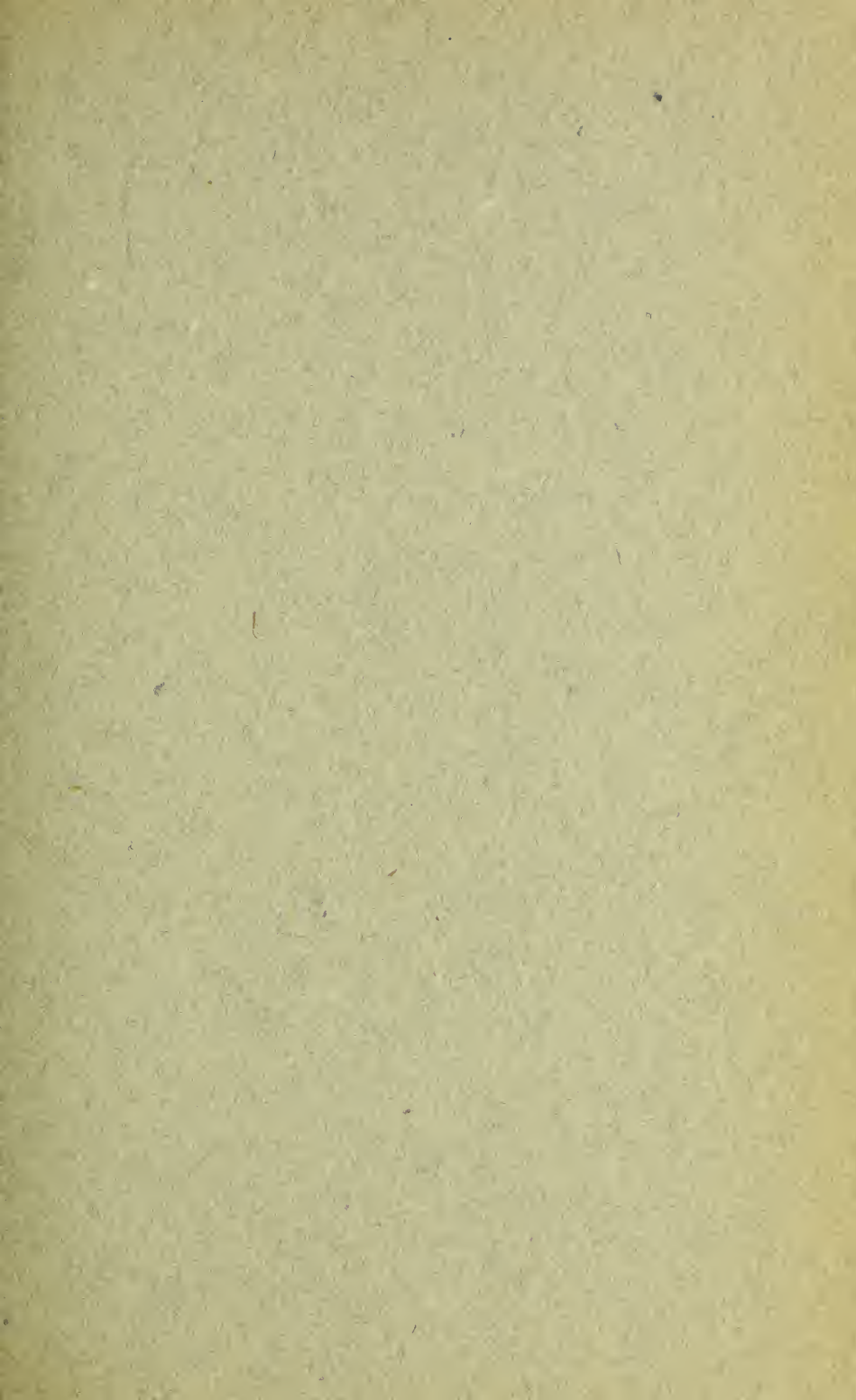
Respectfully submitted,

F. J. ROBINSON,
Weighmaster.

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Department of Finance

C. G. SHERWOOD, Commissioner

To the Mayor and Commissioners,
Traverse City, Michigan.

Gentlemen:—I present the financial statement of the city clerk for the year beginning January 1, 1923, and ending December 31, 1923.

C. G. SHERWOOD,
Commissioner of Finance.

Contingent Fund.

Balance Jan. 1, 1923.....\$ 5,952.86

Receipts.

Licenses—

Rooming house \$ 15.00
Billiard and pool
and bowling alley 122.00
Trucks, dray and
taxis 252.00
Plumbers 20.00
Theater 25.00
Auctioneer 5.00
Peddlers 71.00
Building mover 8.00
Circus and carnival 204.00 722.00
Delinquent taxes 5,934.80
Penalty general city tax 180.48
Fees general city tax 1,446.63
Fees, state and county tax 55.25
Clerk's fees 62.00
Justice court fines 45.67
Interest on deposits and
bonds 680.75
Overrun, state, county
and county road..... 63.95
Dog license fees..... 6.00
From cleaning closets.... 140.50
Brown bridge account.... 11,147.12
Excess tax collections.... 47.84
Miscellaneous 4.80
Birth certificates 37.00
Audit 400.00
Treasurer's fees 1.50
Transfer 41.43

Sanitary tax collected.... 191.25
Clerk hire 600.00

Total receipts\$27,761.83

Disbursements.

Office supplies\$ 414.35
Postage 139.80
Light and
lamps 31.24
Water 80.23
Telephone ... 42.70
Fuel 254.29
Laundry 14.41
Janitor 397.00
Janitor supp. 40.25
Office rent ... 400.00
Office labor.. 2,474.75
Election exp. 566.61
Insurance . . . 261.53
Board of re-
view 139.00
Costs returned
to C. Hans-
lovsky 19.25
Dogs and cats
killed 132.75
Cleaning closets 841.75
1923 city tax
returned ... 6,584.40
Ice 15.50
Refunds 10.00
Brown bridge
wood acct... 724.43
License tags 5.12
Clerk and
Treas. bond 251.75
City office re-
pairs 50.61
Misc. exp. ... 190.56
Erroneous tax
ass'm'ts ... 152.95
Septic tank
built 35.00

Audit	625.00	
Shortage on budget	4.43	
Decoration day expense	99.00	
Liability ins. . . .	23.00	
Taxes	3,496.89	
Building in - specter	30.00	
Total	\$18,548.55	\$18,548.55

Bal. Jan. 1, 1924 \$ 9,213.28

Printing Fund.

Balance Jan. 1, 1923 \$ 216.78

Receipts.

Budget, 1923 1,300.00

Total \$ 1,516.78

Disbursements.

Proceedings in
 paper \$570.43

Pamphlet pro-
 ceedings 170.50

Annual reports . . 36.50

Notices, ordi-
 nances and
 other printing 415.40

Total \$1,192.83 \$ 1,192.83

Bal. Jan. 1, 1924 \$ 323.95

Health Department.

Bal. Jan. 1, 1923 \$ 333.64

Receipts.

Budget, 1923 3,270.00

Total receipts \$ 3,603.64

Disbursements.

Health officer
 meat and milk
 inspector and
 testing water \$1,815.00

Nurse 686.00

Supplies 45.63

Fumigators 3.80

Use of boat 25.00

Repairs to chlor-
 ine machine 14.09

Total \$2,589.52 \$ 2,589.52

Bal. Jan. 1, 1923 \$ 3,360.61

SALARIES

Bal. Jan. 1, 1923 \$,360.61

Receipts.

Budget, 1923 \$ 9,460.00

Total \$12,820.61

Disbursements.

City clerk . . . \$2,100.00

City treasurer 2,100.00

City attorney 600.00

Assessor 800.00

Electrical in-
 specter 270.00

Engineer 2,400.00

Mayor 300.00

Commissioners 800.00

Total \$9,370.00 \$ 9,370.00

Bal. Jan. 1, 1924 \$ 3,450.61

FIRE DEPT.

Bal. Jan. 1, 1923 \$ 670.45

Receipts.

Team work 143.40

Sale of team 200.00

Canvas sold 4.00

Budget 21,700.00

Copeland injury 18.67

Refund65

Total \$22,737.17

Disbursements.

Regular sal-
 aries \$ 8,805.77

Special 495.88

Truck and
 hose Co's. . . . 460.00

Liability Ins . . . 220.69

Convention
 expense 50.00

Fuel 530.64

Light, lamps 93.58

Water	14.40	
Telephone . . .	73.82	
Auto repairs and upkeep	624.93	
Dept. exp. . . .	492.54	
Repairs to building . . .	364.93	
Laundry	34.20	
Horse feed . . .	28.24	
Gas	21.32	
Fire alarm system	305.00	
Auto Ins.	408.00	
Hose	453.50	
Hose c'uplings	50.00	
Repairs to steamer	4.00	
Teamster and team	170.20	
New equipm't	65.00	
Mich. State Firemen's Assn.	5.00	
Hydrant rental	7,000.00	
Total	\$20,771.64	\$20,771.64
Bal. Jan. 1, 1924		\$ 1,965.53

POLICE

Bal. Jan. 1, 1923 \$ 2,621.69

Receipts.

Budget, 1923 \$ 6,000.00
Total \$ 8,621.69

Disbursements.

Regular sal-
aries \$5,550.00
Light 19.25
Water 8.12
Telephone 63.33
Liability Ins. . . 81.10
Auto repairs
and gas. 120.47
Office supplies
street paint 102.54
Laundry 15.00
Convention
expense 50.00
Auto Ins. 18.00
Special 100.00

Motorcycle . . . 350.00
House supplies 4.81
Total \$ 6,482.62 \$ 6,482.62
Balance Jan. 1, 1924 \$2,139.07

INTEREST AND SINKING FUND

Balance Jan. 1, 1923 \$36,931.23

Receipts.

Budget, 1923 \$32,945.00
Interest 1,928.82

Total \$71,805.05

Disbursements.

Interest on
bridge bonds 270.00
Paving bonds 5,000.00
Street intersec-
tions 1,170.00
Brown bridge 15,000.00
Park and im-
provement 225.00
Athletic and
recreation 2,506.26
Creek Imp. . . 122.50
Transfer 7,433.36

Total \$31,727.12 \$31,727.12

Balance Jan. 1, 1924 \$40,077.93

LIBRARY

Balance Jan. 1, 1923 \$ 3,108.24

Receipts.

Refunds \$ 3.00
Budget 7,000.00

Disbursements.

Librarian's Sal. \$1,080.00
Asst. librarian 800.00
Asst. librarian 425.80
Janitor 960.00
Oak Park li-
brarian 500.80
Extra assistants 43.00
Extra janitor 35.00
Books 1,549.16
Repairs 227.40
Fuel 362.61

Printing	73.65	
Binding books & magazines	172.40	
Light, lamps ..	157.89	
Equipment . . .	75.20	
Water	31.52	
Convention expense	40.25	
Subscriptions to magazines & newspapers	236.70	
Laundry	5.00	
Fire Ins.	282.97	
Dues	51.00	
Misc. exp. . . .	100.02	
Total	\$7,710.37	\$ 7,710.37
Balance January 1, 1924..	\$ 2,400.87	

LIGHT

Balance January 1, 1923..	\$ 3,218.56	
Receipts.		
Budget, 1923	8,500.00	
Total	\$ 11,718.56	

Disbursements.

Streets, allays and bridges	\$8,724.61	
City office	172.33	
Lamps and street strings	19.53	
Lamps, welcome sign	41.93	
Total	\$8,958.40	\$ 8,958.40

Balance January 1, 1924.. \$ 2,760.16

GENERAL SEWER**Receipts.**

Budget, 1923 \$ 4,400.00

Disbursements.

Overdrawn ...	\$2,767.53	
Clean catch basins . . .	197.50	
Repair and clean sewers	447.70	
New manholes	116.08	

Liability Ins. . .	9.57	
Misc. Exp. . . .	25.40	
Storm sewer N. Maple St. . .	55.25	
Storm sewer W. Front St. . . .	147.13	
Total	\$ 3,766.16	
Balance January 1, 1924..	\$ 633.84	

BRIDGE

Balance January 1, 1923 \$ 1,423.21

Receipts.

Budget, 1923 1,500.00

Total \$ 2,923.21

Disbursements.

Replanking N. Union St. . .	\$1,013.58	
Repairs to rail- ing and piling	79.15	
Lamps	61.53	
Cass St. bridge	130.05	
S. Union St. bridge	609.42	
Total	\$1,893.73	\$ 1,893.73

Balance Jan. 1, 1924..... \$ 1,029.48

JOHNSON-RANDALL INDUSTRIAL FUND**Receipts.**

Budget, 1923 \$ 2,500.00

Disbursements.

Light and power..... 2,374.36

Balance Jan. 1, 1924..... \$ 125.64

PARK FUND

Balance Jan. 1, 1923..... \$ 418.44

Receipts.

Budget, 1923	\$ 2,318.00	
Loan for W. Side park..	2,750.00	
Fine collected	2.00	
Sale of lot.....	1,500.00	
Loan	5,700.00	

Wire sold	20.00	Building cement sidewalk	171.57
Total	\$12,708.44	Total	\$32,657.03

Disbursements.

Sunset park \$	544.57	
Hannah park	615.27	
Union St. park	14.14	
G. R. & I. park	81.65	
Lake Ave.		
park	151.03	
Misc. Exp. . . .	234.50	
West Side park	2,361.77	
N. Cass St.		
park	169.24	
Bathhouse . . .	86.98	
Monroe St.		
park	25.65	
East Bay park	19.00	
Comfort stat'n	408.03	
Repairs	16.30	
Liability Ins.	20.33	
Comfort sta-		
tion supplies	83.68	
Park-market		
place	9.75	
Purchase of		
lots E. Front		
St. park	5,935.80	
W. Side bath-		
house	271.46	
Total	\$11,049.15	\$11,049.15

Balance Jan. 1, 1924.....\$ 1,659.29

GENERAL STREET

Balance Jan. 1, 1923.....\$11,020.85

Receipts.

Market receipts	687.30
Telephone commissions . .	.71
City team	1,217.55
W. Front St. curb and	
gutter	25.00
Material sold	73.10
Grader	572.00
Labor sold	63.00
Truck	863.00
Budget	16,478.00
Refunds, Randolph St.	
special storm sewer...	1,155.20

Disbursements.

St. Com. sal'y\$	1,800.00
Snowplowing	
and hauling	
snow	2,586.92
City dump . . .	672.33
Weighmaster's	
salary	900.00
New tools and	
road mach'y	1,818.20
Horseshoeing	106.05
Repairs to	
tools and	
equipment	800.22
Tool house	
expense	713.33
City market	
expense	131.83
Supplies and	
repairs	197.35
Thawing catch	
basins	195.27
Liability Ins.	288.03
Cleaning pave-	
ment	2,901.80
Water-horse	
troughs	216.00
Street sprinkl-	
ing	1,390.50
Cutting weeds	315.75
Water—street	
sprinkling	350.00
Oil for mach'y	69.71
Repairs, walks	270.57
Gas for mixer	
and trucks	825.82
Repairs to	
pavement	294.77
Insurance . . .	168.18
Light, ward	
halls	34.68
Repairs to	
truck	475.16
Clean alleys	1,557.00
Misc. supplies	271.85
Gen'l repairs	3,100.40
Repairs, auto	68.24
Sanding walks	139.00
Unloading	
wood	37.50

E. Front paving No. 2 ..	3,396.00	
Use of engineer's car	360.00	
Grubb claim	155.47	
Water-4th Pct.	1.13	
Repairs to ward halls	193.77	
Grading . . .	752.25	
Raking stone	17.75	
Building shed	19.78	
Forms for curb, gutter, sidewalks ..	27.32	
Engineers helper . . .	250.50	
Fixing W. side track	1,159.20	
Chlorine . . .	487.80	
Blueprints .	22.00	
Grub stumps	19.24	
Gravel pit . .	17.00	
New walk W. Front St. . .	170.64	
Wall and bridge Exp.	199.85	
Filing saws ..	2.75	
Water-drinking fount'ns	20.00	
Total	\$29,966.36	\$29,966.36
Balance Jan. 1, 1924	\$ 2,690.67	

WHARF**Receipts.**

Budget	\$ 529.00
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Disbursements.

Overdrawn	\$483.44
Pier lights	54.00
Lamps	3.05
Total	\$540.49
Total receipts	\$ 529.00

Overdrawn Jan. 1, 1924	\$ 11.49
Balance Jan. 1, 1923	\$ 1,347.54

CEMETERY**Receipts.**

Extra grave service	234.00
Burials	791.00
Care of lots	2,440.67
Opening vault	6.00
Removals	32.00
Grading and seeding	420.50
Budget	1,500.00
Leveling grave	3.00

Total \$ 6,925.71

Disbursements

Sexton's sal'y	\$1,200.00
Horse hire . . .	300.00
General labor	1,956.52
Care of lots ..	1,444.00
Telephone . . .	37.25
Water, house	12.60
Water, cemet'y	350.00
Liability Ins. . .	52.20
Tools, hose, incidentals . . .	175.31
Repairs for building . . .	27.15
Light	21.09
Street lights . .	20.26
Flowers and shrubs . . .	8.00
Snow plowing	31.60
Misc. Exp. . . .	101.57
Gates	9.08
Markers	23.13

Total \$5,769.76

Balance Jan. 1, 1924 \$ 1,155.95

CEMETERY EXTENSION AND IMPROVEMENT

Balance Jan. 1, 1923 \$ 2,390.22

Receipts.

Single graves	39.66
Lots sold	1,756.05

Total receipts \$ 4,185.93

Disbursements

New entrance and fence	\$ 513.72
Gravel	5.00

Mains	25.20
Soil	305.25
Shrubs	17.25
Gates	586.95
Grading	97.50
Stone	22.75

Total \$ 1,573.65

Balance Jan. 1, 1924 \$ 2,612.28

CEMETERY, PERPETUAL CARE

Balance Jan. 1, 1923 \$ 4,083.00

Receipts.

Perpetual care 775.00

Balance Jan. 1, 1924 \$ 4,858.00

WATER—LIBERTY BOND ACCOUNT

Bal. Jan. 1, 1924 \$ 5,000.00

WATER DEPARTMENT

Balance Jan. 1, 1923 \$48,258.32

Receipts.

Schedule	5,030.92
Metered	20,179.09
Installing meters	342.00
Coal sold	415.37
Chlorine tanks returned	218.50
Refunds	41.25
Material sold	110.74
Taps	392.00
Interest on Liberty bonds and balances	1,755.56
Water-circus	28.00
Labor sold	12.00
From general street	350.00
From cemetery	350.00
Hydrant rental	7,000.00
Catholic cemetery	50.00

Total \$84,533.75

Disbursements.

Expense for
for year . . . \$46,731.70
Interest on

bonds 3,097.50

Total \$49,829.20 \$49,829.20

Balance Jan. 1, 1924 \$34,704.55

ELECTRIC LIGHT AND POWER DEPARTMENT

Balance Jan. 1, 1923 \$ 6,170.61

Receipts.

Light and power	59,381.90
Posts sold	20.80
Interest	385.76

Total receipts \$65,959.07

Disbursements.

Pay rolls \$61,751.45

Balance Jan. 1, 1924 \$ 4,207.62

OFFICE BUILDING FUND

Balance Jan. 1, 1924 \$ 748.00

INTEREST ACCOUNT—Receipts.

Interest on deposits	808.09
Interest on bonds	4,180.30

Total \$ 4,988.39

Disbursed to various funds \$ 4,988.39
Disbursed to various funds \$ 4,988.39

ELECTRIC LIGHT & POWER SINKING FUND

Balance Jan. 1, 1923 \$47,293.26

Receipts.

Interest on bonds	3,353.36
Transfer from E. L. & P. Dept.	\$11,500.00
Discount on purchase of bonds	105.21

Balance Jan. 1, 1924 \$62,251.83

LIBERTY BOND ACCOUNT

Receipts.

War Savings Stamps
cashd \$ 1,000.00

Special improvement	
bond paid	3,000.00
Fifth loan bonds called...	5,000.00
Total	\$ 9,000.00

Disbursements

Balance . . .	\$146,900.00
Purchase of	
park on W.	
side	2,750.00
Bonds pur-	
chased for	
E. L. & P.	
sinking fund 15,200.00	
Total . . .	\$164,850.00
Total disbursements . . .	\$164,850.00
Total receipts	9,000.00
Balance Jan. 1, 1924 . . .	\$155,850.00

BALANCE SHEET**Credit.**

Contingent	\$ 9,213.28
Printing	323.95
Health	1,014.12
Salaries	3,450.61
Fire Dept.	1,965.53
Police	2,139.07
Interest and sinking...	40,077.93
Library	2,400.87
Light	2,760.16
General sewer	633.84
Bridge	1,029.48
Industrial fund	125.64
Park	1,659.29
General street	2,690.67
Cemetery	1,155.95
Cemetery Ext. and Imp.	2,612.28
Cemetery—perpet'l care	4,858.00
Water	34,704.55
Water—Liberty bonds	5,000.00
E. L. & P. Dept.	4,207.62

Office building fund ...	748.00
Sixth and Cedar St.	
sewer	918.44
E. L. & P. sinking fund	62,251.83
So. Union St. Imp.	115.45
W. Front St. curb and	
pavement	2,511.44
No. Elmwood curb and	
pavement	3,988.35
Brown bridge interest	
and sinking	7,433.36
State tax	3,757.73
County tax	6,130.00
County road tax.	6,130.00

Total \$216,007.44

Debits.

Wharf	\$ 11.49
Liberty bond account..	155,850.00
Lake Ave. curb and	
gutter	428.47
W. 9th St. curb and	
gutter	458.82
W. 10th St. curb and	
gutter	383.65
W. Front St. curb and	
gutter No. 2	1,223.12
Randolph St. curb and	
gutter	1,456.83
E. Front St. Payment	
No. 1	1,030.98
E. Front Street pave-	
ment No. 2.	3,606.32
Gen. St., N. W. approach	242.91
Gen. city tax	14,363.63
E. 8th St. sewer	4,288.60
Randolph St. special	
storm sewer	4,303.03
Franklin St. curb and	
gutter	416.78
12th and 13th St. sewer	34.35
Park St. curb and gutter	517.49
Cash	27,390.97
Total	\$216,007.44

BONDS OUTSTANDING

Electric light bonds, due June, 1932. Rate of interest, 4 per cent.....	\$125,000.00
Waterworks extension—	
Due Nov. 1, 1930. Rate of interest, 4 per cent.....	11,000.00
Due June 1, 1928. Rate of interest, 4 1-2 per cent.....	6,000.00
Due July 1, 1924. Rate of interest, 4 1-2 per cent.....	20,000.00
Due April 1, 1929. Rate of interest, 4 1-4 per cent.....	15,000.00
Waterworks pump—Due April 1, 1929. Rate of interest 4 1-4 per cent.....	20,000.00
Paving intersections—	
Due June 1, 1928. Rate of interest, 4 1-2 per cent.....	20,000.00
Due June 1, 1929. Rate of interest, 4 1-2 per cent.....	6,000.00
Bridge—Due August 1, 1928. Rate of interest, 4 1-2 per cent	6,000.00
Park and improvement—	
Due July 1, 1932. Rate of interest, 4 1-2 per cent.....	5,000.00
Recreation and athletic—	
Due July 1, 1936. Rate of interest, 5 per cent	50,000.00
Brown bridge plant bonds—	
Due serially. Rate of interest, 6 per cent	250,000.00
Special paving bonds—	
Due serially. Rate of interest, 5 per cent	40,000.00
Total	\$574,000.00

Assessed valuation, 1919, \$7,766,-
475.

Assessed valuation, 1920, \$7,834,-
290.

Assessed valuation, 1921, \$7,836,-
392.

Assessed valuation, 1922, \$8,032,-
840.

Assessed valuation, 1923, \$8,033,-
550.

Tax rate, city purposes, per
\$1,000, 1919, \$10.44.

Tax rate, city purposes, per
\$1,000, 1920, 1920, \$12.45.

Tax rate, city purposes, per
\$1,000, 1921, \$14.30.

Tax rate, city purposes, per
\$1,000, 1922, \$14.42.

Tax rate, city purposes, per
\$1,000, 1923, \$14.86.

Tax rate, 1919—state, \$3.59;
county, \$3.59; county road, \$2.05;
school, \$9.18. Total, \$18.41.

Tax rate, 1920, state, \$3.49; coun-
ty, \$4.00; county road, \$2.00;
school, \$12.00. Total, \$21.49.

Tax rate, 1921, state, \$3.20; coun-
ty, \$6.00; county road, \$2.00;
school, \$15.70. Total, \$26.90.

Tax rate, 1922, state, \$2.68; coun-
ty, \$4.00; county road, \$1.98;
school, \$17.30. Total, \$25.96.

Tax rate, 1923, state, \$2.45; coun-
ty, \$4.00; county road, \$4.00;
school, \$17.50. Total, \$27.95.

INVENTORY OF CITY OFFICE
BUILDING

Furniture and Fixtures.

Clerk's and Treasurer's Office.

2 roll top desks	\$ 30.00
4 high desks	75.00
2 flat top desks	50.00
Sectional cabinets	275.00
2 swing chairs.....	15.00

2 small swing chairs.....	6.00	Rug	120.13
High desk chair.....	3.00	Fireplace logs	31.16
5 oak chairs.....	25.00		
2 wardrobes	5.00		\$573.94
Table	3.00		
Typewriter desk	10.00	Commission Room.	
2 typewriters	125.00	Table	\$ 12.00
Adding machine	300.00	6 desks	30.00
Adding machine	250.00	17 swing chairs	35.00
Addressograph	275.00	Mayor's chair	25.00
Water cooler	3.00	10 high back chairs.....	10.00
Letter press	3.00	25 folding chairs	5.00
2 document files.....	25.00		
Sectional bookcase	25.00		\$ 117.00
2 safe cabinets	250.00	Assessor's Office.	
Paper baler	12.00	Large desk	\$ 40.00
Vault equipment	100.00	Swing chair	5.00
Election outfits	200.00	Oak chair	5.00
6 steel letter files.....	60.00	Desk lamp	2.00
		Filing case	10.00
	\$ 2,125.00		
			\$ 62.00
Mayor's Office.		City ownership in build- ing, one-half interest..	\$ 4,000.00
8 chairs	\$ 330.00		
Table	92.65		

Department of Public Health and Welfare

FRED P. BOUGHEY, Commissioner

To the Mayor and Commissioners,
Traverse City, Michigan.
Gentlemen:

I present herewith the annual report of Electric Light and Power Department, Library and Cemetery Departments for year 1923.

Yours respectfully,

FRED P. BOUGHEY,
Commissioner of Public Health
and Welfare.

Trustees's Report.

To F. P. Boughey, Commissioner
of Public Health and Welfare,
Traverse City, Mich.

Dear Sir:

Herewith please find Librarian's report for the year ending December 31, 1923.

The Library and its branch at Oak Park continue to serve a larger number of citizens every year as will be shown in the Librarian's statistics. We would draw your attention to the large increase in number of patrons, also in the number of books issued.

Assuring you of our best efforts to maintain an efficient library.

Yours faithfully,

Lee Hornsby,
Leon F. Titus,
Elsie C. Thirlby.

Librarian's Report.

To the Board of Library Trustees:

I have the honor of presenting to you the twentieth annual report of the Traverse City Public Library for the year January 1st, to December 31st, 1923.

Circulation.

Each year shows a greater interest in using the privileges of the library as is shown by the circulation records of its books and magazines. 2,891 more books issued in 1923 than in the year 1922.

Each summer a great many of the visitors to our beautiful Grand Traverse region, deem it a great pleasure to be able to enjoy the privileges of the library. Many prefer to make a deposit for this privilege, others use the usual way of signing a card.

Registration.

Four hundred sixty-four new names were added to our list of patrons this past year, making a total registration of 4,152.

Reference.

It would be most impossible to estimate just how much reference work the library does during a year as the requests vary so from day to day. It is only by having a good supply of current periodicals and up to date reference books

that we are able to meet the many demands.

Branch Library.

Our Branch Library has a good record of 14,146 books issued during the year. The library now contains 2,886 volumes, has a list of twenty current periodicals it receives regularly and is ready at all times to serve its patrons to the best of its ability. One hundred new borrower's names were added to the register during the past year.

Conventions.

The Librarian attended a meeting of the Traverse Bay region Round Table, in Manistee, April 12th and 13th.

In October the Librarian attended the thirty-third annual meeting of the Michigan Library Association in Kalamazoo, October 16th to 18th.

Staff.

Miss Evelyn Hammond was married in May and spent the summer in the West. Miss Martha Garbe, a former substitute, assisted us during the summer months.

The first of September, Mrs. Lee Hornsby, librarian of the Oak Park Branch Library, resigned her position and Mrs. Mary Kneeland was appointed to fill this vacancy.

Gifts.

Thirty books, numerous booklets, papers and pamphlets were gifts to the library during the past year.

We are grateful to the Herald and Record Company for a daily copy of the Record-Eagle and also for the printing of the library's list of new books and magazines.

In closing I wish to express my thanks to the library trustees for their hearty co-operation and to

my assistants for their faithfulness and devotion to the library.

Respectfully submitted,

Alice M. Wait,
Librarian.

Statistical Report.

Number of adult books issued by classes:

Main Library—Fiction, 21,927; philosophy, 291; religion, 69; sociology, 672; philology, 13; natural science, 243; useful arts, 599; fine arts, 779; literature, 1,003; history, 428; travel, 658; biography, 413; general works, 1,336. Total, 28,431.

Oak Park Branch—Fiction, 6,244; philosophy, 2; religion, 14; sociology, 10; philology, 1; natural science, 11; useful arts, 271; fine arts, 68; literature, 86; history, 120; travel, 56; biography, 54; general works, 1,403. Total, 8,340.

Total number of adult books issued, 36,771.

Number of Juvenile books issued by classes:

Main Library—Juvenile fiction, 10,125; religion, 54; sociology, 970; philology, 202; natural science, 158; useful arts, 90; fine arts, 106; literature, 282; history, 146; travel, 185; biography, 85; general works, 275. Total, 12,678.

Oak Park Branch—Juvenile fiction, 4,642; philosophy, 6; religion, 11; sociology, 214; philology, 3; natural science, 60; useful arts, 40; fine arts, 19; literature, 103; history, 108; travel, 24; biography, 36; general works, 540. Total, 5,806.

Total number of Juvenile books issued, 18,484.

Total number of books issued, 55,255.

Number of volumes in the Library by classes:

Main Library—Fiction, 3,802; philosophy, 174; religion, 274; sociology, 570; philology, 50; nat-

ural science, 369; useful arts, 497; fine arts, 314; literature, 989; history, 931; travel, 479; biography, 436; general works and bound magazines, 1,551; crochet books, 20; Michigan documents, 475; Michigan pamphlets, 1,201; U. S. documents, 534; U. S. pamphlets, 5,487; U. S. geologic Atlases, 240; art collections, 4; stereoscope travels, 6. Total, 18,403.

Oak Park Branch—Fiction, 1,083; philosophy, 10; religion, 25; sociology, 26; philology, 11; natural science, 27; useful arts, 52; fine arts, 10; literature, 103; history, 115; travel, 82; biography, 53; general works and bound magazines, 124; crochet books, 9. Total, 1,730.

Total number of Adult books in the Library, 20,133.

Number of Juvenile books in the Library by classes:

Main Library—Juvenile fiction, 1,613; religion, 33; sociology, 138; philology, 16; natural science, 74; useful arts, 42; fine arts, 36; literature, 98; history, 71; travel, 57; biography, 70; general works, 186. Total, 2,434.

Oak Park Branch—Juvenile fiction, 828; philosophy, 3; religion, 13; sociology, 56; philology, 2; natural science, 44; useful arts, 12; fine arts, 11; literature, 40; history, 35; travel, 41; biography, 24; general works, 47. Total, 1,156.

Total number of Juvenile books in the Library, 3,590.

Total number of books in the Library, 23,723.

Number of Adult books added this year by classes:

Main Library—Fiction, 194; philosophy, 19; religion, 14; sociology, 57; philology, 1; natural science, 16; useful arts, 78; fine arts, 33; literature, 22; history, 21; travel, 29; biography, 19; general works, 81. Total, 584.

Oak Park Branch—Fiction, 101; religion, 4; sociology, 3; natural science, 4; useful arts, 8; fine arts, 3; literature, 14; history, 3; travel, 5; biography, 11; general works, 1. Total, 157.

Total number of Adult books added this year, 741.

Number of Juvenile books added this year by classes:

Main Library—Juvenile fiction, 137; sociology, 20; philology, 12; natural science, 2; fine arts, 3; literature, 13; history, 1; travel, 4; biography, 1; general works, 12. Total, 205.

Oak Park Branch—Juvenile fiction, 64; sociology, 3; philology, 1; fine arts, 1; literature, 2; travel, 1; general works, 2. Total, 74.

Total number of Juvenile books added this year, 279.

Total number of books added this year, 1,020.

Reading Rooms.

Main Library—Men, 6,087; women, 5,209; children, 6,318. Total, 17,614.

Oak Park Branch—Men, 749; women, 1,349; children, 4,030. Total, 6,128.

Total number of visitors in the reading rooms, 23,742.

Number of patrons from the Main Library, 4,152.

Number of new patrons for the year, 1923, 464.

Number of patrons for the Branch Library, 935.

Number of new patrons for the Branch Library for the year 1923, 100.

Number of books rebound for the two libraries, 687.

Number of magazines bound for the two libraries, 114.

Main Library—Magazines purchased, 72; magazines donated, 15; newspapers purchased, 3; newspapers donated, 5.

Oak Park Branch—Magazines purchased, 20; magazines donated, 22; newspapers purchased, 1.

Main Library—Number of books worn out, 70; number of books destroyed, 3; number of books lost, 29. Total, 102.

Oak Park Branch—Number of books worn out, 13; number of books destroyed, 5; number of books lost, 19. Total, 37.

Total number of books destroyed, lost or worn out, 139.

Rental Collection.

Number of books in rental collection January 1, 1923, 10.

Number of books added during the year, 25.

Total number of books in rental during the year, 35.

Number of books withdrawn from the rental during the year, 7.

Number of books lost during the year, 1.

Number of books in rental January 1st, 1924, 27.

Amount of money collected from the rent of the books and used to purchase new books for this collection, \$43.59.

To F. P. Boughey, Commissioner
of Publis Health and Welfare,
Traverse City, Mich.

Dear Sir:

I am pleased to submit the following report covering operations at the cemetery for the year 1923, together with an inventory of all tools and equipment for the same.

You will notice that the amount we receive for care of lots is increasing every year.

Graded one block in new cemetery.

Made 2 new water taps.

New fence and gate were built.

900 hedge plants set out.

Burials, 191.

Had 681 lots for annual care.

Had 29 lots for perpetual care.

Respectfully,

C. S. GABRIEL,

Sexton.

Inventory of Cemetery Equipment, December 31, 1923.

1,750 ft. of $\frac{5}{8}$ inch hose—	\$ 210.00
5,000 ft. $\frac{3}{4}$ inch hose	400.00
6 cycles	3.00
Crowbar	1.00
5 grave linings	2.50
Canvas dirt cover	12.00
110 sprays	15.00
2 lawn mowers	6.00
3 axes	3.00
4 steel rakes	2.00
3 lawn rakes	1.00
4 shovels	2.50
2 spades	1.00
2 pairs pruning shears ...	2.00
2 pipe wrenches	2.00
4 scythes	4.00
15 iron benches	20.00
20 wooden benches	20.00
Wagon	10.00
3 ladders	6.00
Sleighs	10.00
Sod cutter .....	.75
Level	1.50
Misc. articles	72.75
House, lot, barns, tool sheds	2,000.00
Total	\$2,808.00

REPORT OF ELECTRIC LIGHT AND POWER DEPART- MENTS

Assets.

Cash on hand	\$ 4,207.62
Accounts receivable	11,381.21
Material and supplies—	
Wiring	1,076.43
Lamps	846.03
Poles	1,140.70

Prepayments, insurance—	
Fire	75.11
Liability	341.63
Plant—Keystone	\$207,112.03
Land	\$13,540.40
Structures	3,177.61
Dam and	
waterways	39,334.76
Waterwheel	9,180.80
T. G. units.. ..	13,048.15
Sub-station ..	8,839.86
Overhead con-	
ductors ..	28,872.30
Servise	43,107.82
Line transfer	
and devices ..	21,214.84
Consumers'	
meters ...	12,621.11
St. light	
equipment ..	11,188.10
General office	
structure ..	1,500.00
Office equip-	
ment	670.20
Trans. Equip.	
auto	8.56
Truck	807.52
Plant—Brown Bridge..	\$227,327.77
Land	\$ 11,100.00
Structures	20,719.13
Dam and	
waterways ..	186,214.34
Waterwheel	11,083.52
T. G. unit.. ..	18,664.84
Sub-station	
equipment ..	5,507.42
Overhead con-	
ductors ..	11,883.11
Line transfer	
& devices ..	12,155.41
Sinking fund	\$ 62,251.83
	<hr/>
	\$565,760.36
Liabilities.	
Long term debt bonds..	\$375,000.00
Consumers' deposits ...	513.62
Accrued liabilities—	
Interest	442.83
Accounts payable	72.55
Surplus	189,731.36
	<hr/>
	\$565,760.36

Current Generated—By Months—

EXPENSE

Keystone.

Production—	
Supt. and labor ..	\$4,203.60
Misc. supplies	
and equipment ..	216.85
Maintenance ...	108.09
Dam	16.00
H. E. equipment ..	107.55
Transmission—	
Supt. and labor ..	423.60
	\$5,075.69

Brown Bridge.

Production	
Supt. and labor ..	\$3,785.35
Misc. Sup. and	
labor and	
equipment ..	455.71
Maintenance—	
Reservoir, dam	
etc	200.02
H. E. equipment ..	36.51
Transmission—	
Supt	423.60
	\$5,108.24
Distribution—	
Supt	\$ 428.35
Sub-station	378.98
Operation of	
Dist. lines ...	1,523.02
Operation—met-	
ers, Transf... ..	593.75
Maintenance—	
meters, Transf. ..	55.47
Maintenance,	
service	578.73
Maintenance,	
Dist. lines ...	899.44
	\$4,457.74
Utilization—	
Consumers Inst.,	
inspection ...	\$1,302.81
Maintenance, St.	
Lt. equipment ..	643.56
	\$1,946.37
Commercial—	
Labor on books	
and contracts \$..	720.00
Meter reading ..	460.99
Supplies and	
Equipment ..	313.92
	\$1,494.91
New business expense—	
Advertising	\$ 263.80

General expense—		Retirement	
General office		expense	12,138.84
salaries . . . \$	720.00	Taxes	619.19
Misc. supply		Misc. Exp.—	
and expense	474.51	Donations ..	38.80
General station-		Janitor	292.50
ery, printing	27.90	Shop	23.11
Insurance, fire	83.80	Xmas tree...	81.39
Ins., liability ..	672.36		\$16,031.09
Store expense	8.91		
Transportation		Total operating expense	\$34,377.84
Exp., Ford ..	300.47	Non-operating expense .. \$	5,312.52
Transportation			
Exp., truck ..	549.31		\$39,690.36

CURRENT GENERATED—By Months, 1923.

Month	Current	Loss 30%	Metered	Arc	Schedule
January	165,920	49,776	84,749	17,280	14,115
February	137,650	41,295	78,244	14,850	3,261
March	161,200	48,360	74,025	12,340	26,475
April	158,540	47,562	76,379	13,560	21,039
May	156,730	47,019	68,512	9,500	31,699
June	149,900	44,970	67,991	10,350	26,589
July	194,410	58,323	79,198	12,133	44,756
August	221,820	66,546	126,555	13,917	14,802
September	192,290	57,687	95,882	12,090	26,631
October	224,010	67,203	120,914	14,400	21,493
November	259,910	77,973	151,607	16,560	13,770
December	267,140	80,142	153,217	18,390	15,391
Totals	2,289,520	686,856	1,177,273	165,370	260,021

CURRENT EXPENSES—By Months.

1923	Production	Distribution	General	Total
January	\$ 1,045.82	\$ 577.02	\$ 1,593.03	\$ 3,215.87
February	978.97	597.23	1,546.21	3,122.41
March	868.84	694.08	1,460.65	3,023.27
April	1,292.89	650.40	1,474.70	3,417.99
May	966.56	413.27	1,410.92	2,790.75
June	1,008.24	520.38	1,606.79	3,135.41
July	840.93	447.97	1,471.26	2,760.16
August	775.85	469.19	1,364.04	2,609.08
September—Cr.	360.72	427.65	1,521.41	1,588.34
October	823.88	451.17	1,445.92	2,720.97
November	1,020.82	442.70	1,360.06	2,823.58
December	921.85	713.05	1,534.81	3,169.71
Totals	\$10,183.93	\$6,404.11	\$17,789.80	\$34,377.84

Production	\$10,183.93
Distribution	6,404.11
General	17,789.80
Total	\$34,377.84
Interest	\$ 5,312.52
	<u>\$39,690.36</u>

SALE OF CURRENT—By Months.

	Metered	Schedule	Power	Total
January	\$ 2,989.56	\$ 739.75	\$ 745.03	\$ 4,474.34
February	2,837.66	739.75	761.80	4,339.21
March	2,457.91	739.75	760.50	3,958.16
April	2,392.62	743.75	854.48	3,990.85
May	2,172.34	743.75	741.34	3,657.43
June	2,036.34	778.50	884.95	3,699.79
July	2,134.54	979.25	1,034.88	4,148.67
August	2,751.07	787.25	1,519.33	5,057.65
September	2,651.61	894.05	1,106.43	4,652.09
October	2,793.70	797.25	1,311.13	4,902.08
November	3,301.32	779.21	1,761.20	5,841.73
December	3,611.73	778.25	1,702.70	6,092.68
Totals	\$32,130.40	\$9,500.51	\$13,183.77	\$54,814.68
Wetted				\$32,130.40
Schedule				9,500.51
Power				13,183.77
Total				<u>\$54,814.68</u>

INSURANCE

Liability insurance			\$341.63
	Policy No.	Expires	Valuation
Home Insurance Co.—Supplies	3858	10-16-24	\$ 6.96
Security Insurance Co.—Cottage B. B.	5200	10-18-24	6.96
Firemen's Insurance Co.—Cottage, B. B.	167	10-18-24	4.96
Sun Insurance Co.—Cottage, Keystone	469725	9-16-24	1.25
Sun Insurance So.—Cottage Keystone	469724	9- 4-24	2.66
Firemen's Fund Ins. Co.—			
Plant, Keystone	223224	1-28-25	13.58
Continental Ins. Co.—Plant, Keystone	3858	1-28-25	13.58
Phoenix Ins. Co.—Plant, Keystone	8064	1-28-25	13.58
Insurance Company of North America			
—Plant, Keystone	2408	1-28-25	13.58
Total value			<u>\$75.11</u>

BONS OUTSTANDING—Dec. 31, 1923

	Rate	Amount	Total
1 to 90			
115-150	4½	\$10,000	\$125,000
Due June 1, 1932 on Keystone Plant—			
1-250	6	\$1,000	\$250,000

Dated May 2, 1921.

Serial 1st \$5,000 due each year June 15, 1924-28 inclusive.

Next \$7,000 due each year June 15, 1929-33 inclusive.

Next \$9,000 due each year June 15, 1924-39 inclusive.

Next \$12,000 due each year June 15, 1940-43 inclusive.

Next \$15,000 due each year June 15, 1944-48 inclusive.

Next \$10,000 due each year June 15, 1949.

Current sales	\$54,814.68
Current cost	39,690.36

Current profit	\$15,124.32
Current delivered, kw.	1,602,664
Total cost	\$39,690.36
Cost per kw. . . . .	.0247
Total sales	\$54,814.68
Selling price per kw.0342

Selling price per kw.0342
Cost0247

Gain per kw.0095
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INCOME**Income from Operating Properties.****Operating revenues—**

Current sales	\$54,814.68
Store sales	5,810.28
Wiring sales	4,515.05

Total	\$65,140.01
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Operating expenses—

Current	\$34,377.84
Store	5,320.42
Wiring	4,350.58

Total revenue deductions	\$44,048.84	\$44,048.84
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Gross income	\$21,091.17
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Income From Non-operating Properties.**Miscellaneous interest revenues—**

Daily balances	\$ 385.76
Sinking fund	3,463.11
Bonds	3.75
Sale of junk	27.79
Old Accts. paid in	54.93
Sale of hay	50.00
Sale of oil bbls.	84.94
Pipe thawing	105.08

Total Misc. income	\$ 4,175.36
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Gross corporate income	\$25,266.53
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Deduction from gross corporate income—

Interest on long term debt	\$5,312.52
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Misc. deduction from gross corporate income—

Audit	200.00
Uncollectible bills	115.62
Losses on meters, fire	114.11

Losses on lamps, brk'ge	69.83
Total deduction	\$ 5,812.08

Net profit transferred to surplus	\$19,454.45
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PROFIT AND LOSS

Losses—		
Meters lost in		
fire	\$114.11	
Lamps, break-		
age, etc.	69.83	
Auditor—		
Auditing, 1922 . .	200.00	
Uncollectible accounts—		
Old accounts		
charged off . .	115.62	499.56
Net profit, 1923	\$19,454.45	

\$19,954.01**Credit.**

Sale of junk	\$27.79	
Sale of hay	50.00	\$ 77.79
Sale of oil barrels re-		
turned		84.94
Old accounts paid in		54.93
Bond purchases—		
Interest and discount . .	3,852.62	
Profit, sale of current . . .	15,124.32	
Profit, store	489.86	
Profit, wiring	164.47	
Profit, pipe thawing	105.08	

\$19,954.01**INVENTORY****Keystone Plant.**

Inventory, Dec., 1922 . .	\$208,578.77
Less land trans-	
ferred to	
Brown bridge	\$9,600.00

Less deductions,		
tools	193.52	9,793.52
Add—delivery equipment		1,620.08

\$200,405.33

\$194,935.01

\$19,493.01**Improvements—**

Distributing		
lines	\$2,178.98	
Services	2,483.57	
Line trans-		
formers	1,381.56	
Meters	738.52	
Lots	450.00	
Street lights	359.79	\$ 7,592.42

\$202,527.43**Brown Bridge Plant.**

Inventory Dec. 31, 1922	\$268,242.67
Less deduction, cost	
of clearing	3,105.40
	<hr/>
	\$265,137.27
Less depreciation	\$ 6,668.52

\$258,468.75**Improvements—**

Dam, store	\$2,590.50	
Land	9,600.00	12,190.50
		<hr/>
		\$270,659.25

Department of Public Safety

DON S. MORGAN, Commissioner

To the Mayor and Commissioners,
Travers City, Michigan.

Gentlemen:

I present herewith the annual reports of Water, Fire and Police Departments for year 1924.

Respectfully submitted,

DON S. MORGAN,
Commisisoner of Public Safety.

To Don S. Morgan, Commissioner
of Public Safety, Traverse City,
Michigan.

Dear Sir:

The City Water Department herewith submits a brief report for year ending December 31, 1923.

The following is amount of water pumped the past year:

697,803,500 gallons, an average of 1,911,700 gallons daily.

During the year we installed 36 services, or taps from 3-4 to 2 inches. We have at present 2,685 active services. We installed 325 water meters.

Extension of water mains consisted in laying a 6" line on East Thirteenth street from Union street, 800 ft. across Pine street and extending a 4" line into the Athletic Park, providing valves and extensions for their use.

Also a 6" main on Rose street from Boyd to Hannah avenue was installed. On Hannah avenue from Rose to Garfield avenue. Three hydrants were placed on this line,

also one on Pine and Thirteenth street. We plan to extend this main to the cemetery early in the spring of 1924.

A new cement and brick building was erected on the north side of our engine room, and two "mid-west" electrically driven Centrifugal pumps, each rated at 1,500 gallons per minute at 60 pound pressure, arranged for series or parallel operation, were installed. Each pump is directly connected to a General Electric motor 2,200 volt 100 H. P. One motor is of the slip-ring, the other of the squirrel cage type. One of the latest type "Simplex" Venturi tube meters was installed, which registers the flow and pressure at all times, also amount of water pumped daily.

On the morning of November 1, 1923, current was turned on, our steam pumps were shut down, and our new pumps tried out. We find that one pump will do the work satisfactorily at this time, carrying a pressure of 65 to 70 pounds. We believe we now have one of the best equipped plants in Michigan.

Our improvements for the coming year will consist mainly of installing meters, laying water main on Hannah avenue, also one block on North Spruce street to replace the last of our old wooden mains.

Respectfully submitted,

W. S. Williams,
Supt.

REPORT OF THE WATER DE-
PARTMENT, CITY OF TRAV-
ERSE CITY. 1923.

December 31, 1923.

Assets.

Treasury	\$ 34,704.55
Accounts receivable ...	4,623.20
Inventory, (supplies)...	4,520.46
Insurance: Fire, \$72.23; liability, \$77.30; auto- mobile, \$16.87	166.40
Discount (on water tax paid in advance)	110.26
Liberty Bonds	5,000.00
Deposit for chlorine ...	60.00
Automobiles, \$100; auto- tomobiles, \$267.94 ...	367.94

PLANT:

Real estate	\$ 9,438.67
Buildings	17,936.28
Boiler No. 1	2,000.0
Boiler No. 2	2,000.00
Pump No. 1	19,000.00
Pump No. 2	19,000.00
Intake	5,000.00
Auxiliary machinery..	745.00
Mains	138,527.57
Hydrants	9,768.50
Service taps	25,273.05
Meters	25,000.77
Miscellaneous equip- ment	1,773.63
Office equipment	173.80
Fountains	28.38
Electric pumps	9,476.51

\$285,142.16

\$334,694.97

Liabilities and Ownership.

Bonds outstanding	\$ 72,000.00
Accounts payable	682.88
Accrued interest.....	1,204.61
Depreciation reserve..	103,823.37
Advance payments	746.40
Profit and loss	4,337.41
Ownership	151,900.30

\$334,694.97

**Expense—Year Ending December
31, 1923.**

PUMPING EXPENSE:

Engineers	\$ 4,300.00
Firemen	3,205.50
Gas	8.40
Coal	5,514.20
Wood	942.00
Oil	135.00
Recording chart	4.30
Waste	6.75
Packing	193.20
Electric: Light	230.92
Power	1,062.14
Lamps	21.30

\$ 15,623.71

MAINTENANCE EXPENSE:

Boiler Nos. 1 and 2..	\$ 222.08
Pump Nos. 1 and 2...	39.11
Buildings	94.93
Mains	36.36
Hydrants	1,015.25
Electric pumps	70.35
Electric building	23.25
Grounds	94.91
Services	258.30
Meters	308.34
Miscellaneous equip- ment	70.88
Stack	7.80

\$ 2,241.56

GENERAL EXPENSE:

Superintendent	\$ 1,680.00
Clerk hire	600.00
Printing, etc	143.86
Supplies	5.99
Misc. expense	79.05
Delivering bills	74.49
Laundry	7.20
Depreciation	6,604.56
Fire insurance	141.23
Interest	3,097.56
Liability insurance ..	179.97
Reading meters	184.50
Automobile insurance.	31.38
Turn on and off.....	286.00
Chlorine	86.94

Trucks	190.61	Total expense	31,578.61
Pipe thawing	120.00		
Audit	200.00	Total profit	\$ 4,337.41
	<u>\$ 13,713.34</u>		
	<u>\$ 31,578.61</u>		
Income, Year Ending December 31, 1923.			
WATER SALES:			
Schedule rates	\$ 5,232.46		
Meter rates	18,603.75		
Sprinkling streets ...	350.00		
City cemetery	350.00		
Catholic cemetery ..	50.00		
Hydrant rental	7,000.00		
	<u>\$ 31,586.21</u>		
		Additions to Plant.	
		Meters	\$ 4,305.90
		Installing meters	933.70
		Taps	645.99
		Meter boxes and	
		Meter boxes & covers..	727.20
		Mains	4,243.56
		Misc. equipment	90.00
		Hydrants	102.95
		Buildings	58.82
		Electric Pumps:	
		Buildings	3,608.21
		Meter register	926.65
		Pumps	8,242.75
		Total additions	\$ 23,885.73

REVENUE:

Taps	\$ 392.00		
Installing meters	348.00		
Interst on deposits..	1,543.66		
Meter rental	1,834.25		
Interest on Liberty bonds	212.50		
	<u>\$ 4,329.81</u>		
		Credit.	
		Revenue from taps, installing meters, interest on deposits, meter rental and interest on Liberty bonds	\$ 4,329.81
		Profit on water sales..	7.60
Total receipts	\$ 35,916.02	Credit balance	4,337.41

Bonds.

Name	Amt.	Due	Rate	Ann'l Int.
Extension	\$ 1,000	11-1-1930	4%	\$ 40.00
"	10,000	11-1-1924	4%	400.00
"	20,000	11-1-1924	4½%	9.00
"	6,000	6-1-1928	4½%	270.00
"	15,000	4-1-1929	4¼%	437.50
"	20,000	4-1-1929	4¼%	850.00
				<u>\$3,097.50</u>

Statistical Report.

Total gallons pumper, 734,530,000.

Cubic ft. pumped (7½ gals. 1 cu. ft.), 97,937,333.

5 per cent slippage of pumps, 4,895,866.

Total cu. ft. delivered, 93,040,467.

Total cu. ft. water metered, 31,462,620.

Total cu. ft. water scheduled,
61,577,847.

Total expense, \$31,577.847.

Income from metered water,
\$18,603.75.

Income from schedule water, fire
hydrants, etc., \$12,982.46.

Cost per 1,000 cu. ft., to de-
liver, .335.

Income per 1,000 cu. ft. metered
water, .591.

Income per 1,000 cu. ft. schedule
water, .210.

Inventory December 31, 1923.

Meters	\$ 1,685.13
Mains	1,183.77
Taps	234.82
Hydrants	347.16
Pipe and fittings	77.94
Pumps: Pump valves...	74.62
Meter boxes and covers	21.00
Buildings: Paint (roof), \$12.06; soap, \$10.51..	22.57
Boilers: Fire brick	7.00
Coal: On hand	753.01
Chlorine	40.61
Waste	5.51
Packing	29.84
Oil and grease	37.48
	<hr/>
	\$ 4,520.46

To Don S. Morgan, Commissioner
of Public Safety, Traverse City,
Mich.

Dear Sir:

I herewith take pleasure in sub-
mitting the annual report of the
Police Department of Traverse
City for 1923:

16 arrested for violation of liquor
law.

10 arrested for drunk and dis-
orderly.

8 arrested for driving cars
while drunk.

10 arrested for exceeding the
speed limit.

20 doors of business places
found unlocked.

11 cars reported stolen, ten re-
covered.

2 arrested for assault and bat-
tery.

1 arrested for driving car with-
out operator's license.

1 arrested for transferring li-
cense plates on car.

2 arrested for parking too close
to fire hydrants.

1 arrested for cutting corners in
car.

1 arrested for horse stealing.

1 arrested for stealing car.

2 arrested for stealing from resi-
dence.

1 arrested for simple larceny.

1 arrested for reckless driving.

1 arrested for rape.

2 overcoats reported stolen, re-
covered one.

4 stores reported broken into,
parties apprehended for breaking
into three of them.

3 boys apprehended for stealing
gasoline.

1 boy apprehended for stealing
shot-gun.

1 girl apprehended for attempt-
ing to pass forged check.

2 residences reported broken
into.

1 hold-up reported.

Farmers' Co-operative Co.'s safe
blown open and robbed.

1 party killed by running into an
automobile while riding a bicycle.

1 killed by being run over while
cranking his car.

In conclusion I wish to thank
the Mayor and City Commission
for their hearty co-operation and
hope it may continue in the fu-
ture.

Respectfully submitted,

JOHN M. BLACKEN,

Chief of Police.

Police Department Inventory, De- cember 31, 1923.

1 Harley-Davidson motor-
cycle\$ 350.00

1 automobile	300.00
1 large folding desk	40.00
2 small desks	20.00
10 chairs	30.00
1 filing cabinet	10.00
1 Atlas	10.00
10 police badges	10.00
14 hydrant and theatre targets	50.00
1 revolver	10.00
1 Rasmussen drag	10.00
6 police clubs	6.00
2 pair handcuffs	12.00
Stationery and office supplies	10.00
6 police caps	24.00
6 window screens and -	
1 screen door	5.00
10 drag hooks	5.00
2 letter files	2.00
	<hr/>
	\$ 904.00

Respectfully submitted,

JOHN M. BLACKEN,
Chief of Police.

To Don S. Morgan, Commissioner
of Public Safety, Traverse City,
Michigan.

Dear Sir:

I have the pleasure of submitting to you the twenty-seventh annual report of the Fire Dept., for the year ending December 31, 1923.

During the year the department responded to 150 alarms as follows:

40 sparks from chimneys.
28 chimney fires.
26 grass fires.
12 overheated stoves.
10 unknown.
7 rubbish.
6 electric wires short circuit.
4 lung motor.
4 false alarms.
3 oil stoves.
3 hot ashes.
2 ammonia leaks.

1 man killed by auto.
1 fiery cross.
1 cigarette.

The value of buildings and contents involved in these fires amounted to \$701,800.00.

The insurance carried on above property amounted to \$464,400.00.

The loss on said property amounted to \$68,083.00.

The value of buildings and contents involved where there was no loss amounted to \$98,600.00 and insurance carried on same amounted to \$73,959.00.

In answering these alarms the apparatus traveled 261 miles, used 10,250 ft. of hose, 1,952 ft. of ladders, 1,306 gallons of chemical and worked 57 hours.

In Fire Prevention we inspected 1,800 buildings including school houses, factories, mercantile places and residences.

In conclusion I wish to express my appreciation for the courtesies extended and the attention given this department while working with such harmony through the past year and trusting the same will continue through the present year.

Respectfully submitted,

FRED NEWMAN,
Chief of Dept.

Inventory of Fire Department, Year Ending December 31, 1923.

One set harness and six collars	\$ 125.00
2 horse blankets	6.00
12 ladders	400.00
19 nozzles	475.00
2 cellar nozzles	50.00
6 hand extinguishers...	150.00
Wire cutters	25.00
3 shut-off valves	55.00
3 pyrenes	30.00
Hose expander	15.00
Indicator	100.00

2 registers	150.00	Deluge set	50.00
3 gongs	230.00	2 steam engines	8,000.00
Battery, switch board and equipment	75.00	45 Gamewell boxes	3,930.00
Beds, blankets, etc	250.00	14 miles overhead wire	485.00
Chairs and desks	50.00	6,000 ft. 2½ inch hose..	5,000.00
2 sliding poles	35.00	Buick car	1,336.00
6 axes	12.00	Cadillac deluge pump, truck	4,535.00
Runners and slides	75.00	Pierce Arrow truck	2,000.00
Hand truck	50.00	Peerless truck chemical and hose	2,000.00
4 carts	250.00	No. 2 rugs	50.00
1 set sleighs	50.00		
Lung motor	100.00		
			<hr/>
			\$ 30,144.00

Department of Public Works and Property

GEORGE W. LARDIE, Commissioner

To the Honorable Mayor and Commissioners, Traverse City, Mich.

Gentlemen:

I hereby submit a report of work done in my department for year 1923:

Re-planked North Union Street bridge. Repaired South Union street bridge. Repaired Second, Third and Sixth Voting Precinct halls. Repaired with gravel South Union street hill. Moved portable building from Central School grounds to Monroe Park; building to be used for a bath house for the west side of the city. Brosch street is being improved. Purchased 16 tons of chloride and treated 9 blocks with the same which proved very satisfactory. We expect to treat 40 blocks of our gravel streets with chloride this season. Nearly all of our dirt streets were re-gravelled.

Respectfully submitted,

GEO. W. LARDIE,

Commissioner of Public Works and Property.

To Geo. W. Lardie, Commissioner of Public Works and Property:
Dear Sir:

I present herewith work done under my department for year 1923:

Sanitary Sewers: 1,200 lineal feet 8 inch, 1,400 lineal feet 10

inch, 60 lineal feet 24 inch Armco, 7 man holes.

Storm Sewers: 640 lineal feet 8 inch, 980 lineal feet 10 inch, 665 lineal feet 24 inch Armco, 730 lineal feet 36 inch Armco, 12 man holes.

Curb and Gutter: 4,425 lineal feet, 12 catch basins.

Sidewalks: 400 lineal feet.

Supervised building addition to Water Works for electric pumps.

Respectfully submitted,

C. E. SAWYER, Jr.

City Engineer.

Inventory General Street Property.

January 1, 1924.

East Bay park	\$ 1,500.00
Land corner Cass and Washington streets ..	1,000.00
Bay Street tool house and lot	1,200.00
Lake Avenue park	2,000.00
Ashton Park	2,750.00
Gravel pit, 20 acres ...	1,000.00
Third precinct building and lot	1,500.00
Second precinct building and lot	2,500.00
Market site, including tool house and weigh office	16,000.00
Hannah Park	4,000.00
Sunset Park	8,550.00
Peninsula Street park ..	4,000.00
Bay street park	4,000.00
Dumping grounds	500.00
3 sprinklers	600.00

Steam roller	2,000.00	400 set garden hose	20.80
Steam engine	700.00	5 dozen C. G. B.	
Truck wagon.....	35.00	sprinklers	8.75
2 dump wagons	150.00	15 snow shovels	9.00
9 snow plows	55.00	2 iron garden rakes	1.50
Trench pump and hose..	40.00	2 garden spades	1.50
60 trench jacks	90.00	Wrench	1.50
Paving bricks	25.00	4 wheelbarrows	4.00
2 crowbars	2.00	40 lawn seats	30.00
17 picks	12.00	2 tarvia kettles	200.00
8 lanterns	4.00	6 tarvia cans	6.00
10 hoes	3.00	Brace and 3 bits	2.00
20 pavement scrapers ..	30.00	2 pairs sleighs	75.00
2 hand saws	3.00	6 potato forks	6.00
2 mattocks	1.20	Writing desk	15.00
Cross saw	1.00	3 chairs	3.00
4 hammers	2.00	21 No. 2 shovels	10.00
Sewer rod	10.00	Grindstone	2.50
Oid distributor	400.00	Set heavy harness	50.00
Scraper	3.00	3 horses	900.00
2 blocks and tackle	12.00	Truck	2,000.00
6 concrete tampers	6.00	Heating stove	15.00
Vise	4.00	Flusher	900.00
2 axes	1.50	Expansioner	10.00
Pump and pipe	6.00	2 pairs rubber boots	5.00
5 sledges	3.00	Pile driver	400.00
7 hydrant wrenches	1.75	Scarifier	415.00
Heavy wagon	50.00	City auto	500.00
Road grader	125.00	New grader	500.00
2 levels	1.50	400 ft. new hose	400.00
2 hand screens	3.00	64 ft. of 15 in. tile	115.20
3 pails	1.50	872 ft. of 10 in. tile....	915.60
2 sets sidewalk finishing		47 ft. of 8 in. tile	32.90
tools	2.00	36 ft. of 18 in. tile	90.00
2 squares .....	.30	200 ft. of 12 in. tile....	270.00
Mixing box	1.00	Fordson tractor	900.00
Brick trowel .....	.50	9 No. 4 shovels	8.00
Hose repair outfit ....	.50	8 pairs rubber boots ..	16.00
Monkey wrench .....	.40	Shawnee grader	1,700.00
Leveling block	1.00		
Heavy tamper	2.00		\$ 66,200.10
2 canthooks	1.50		
Hand level	1.00		
2 pair brick tongs	2.50		
2 pinch bars	1.50		
3 1-gallon oil cans ....	.50		
Pair of tongs for raising			
walks	5.00		
Handy wagon	24.00		
Plow	16.00		
Breakup plow	20.00		
Gasoline cement mixer	200.00		

To. Geo. W. Lardie, Commissioner
of Public Works and Property,
Traverse City, Mich.

Dear Sir:

I hereby submit the annual report of the City Market for the fiscal year ending December 31, 1923.

Total number head of stock weighed 2,046, consisting of		Hay	305
Hogs	935	Straw	10
Cattle	507	Manure	215
Sheep	456	Cornstalks	6
Horses	146	Paper	291
Mules	2	Iron	272
Number of Loadds Weighed:		Household goods	46
Poultry	34	Rags	44
Grain	132	Stone	39
Corn	58	Bones	33
Oats	49	Salt	29
Beans	11	Rubber	22
Wheat	8	Icie	16
Rye	4	Lead	12
Radish seed	2	Zinc	3
Vegetabl s and Fruits.		Copper	1
Potatoes	1469	Merchandise	4
Apples	176	Machinery	3
Cherries	13	Sleighs	3
Peaches	2	Wood	2
Pears	1	Wagons	2
Miscellaneous.		Oil	1
Coal	2230	Baked goods	1
Coke	1110	Total number tickeds used..	6873
Automobiles	348	Number of copies issued at	
Trailers	24	10c each	8
		Number of unpaid tickets	
		on hand	8
		Total cash receipts	\$687.30
		Respectfully submitted,	
		FRED J. ROBINSON,	
		Weighmaster.	

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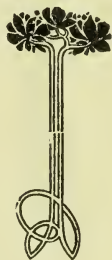
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Department of Finance

C. G. SHERWOOD, Commissioner

To the Mayor and Commissioners, Traverse City, Michigan:

Gentlemen: I present the financial statement of the City Clerk for the year beginning January 1, 1924, and ending December 31, 1924.

C. G. Sherwood,

Commissioner of Finance.

CONTINGENT FUND

Balance January 1, 1924.....\$ 9,213.28

Receipts.

Licenses—Rooming house, \$16.00; billiard and pool, \$124.00; trucks, etc., \$311.00; auctioneer, \$10.00; peddlers, \$43.00; building movers, \$24.00; circus, \$75.00	603.00
Delinquent taxes	7,132.08
Fees, General City tax.....	525.07
Penalty, General City tax.....	392.55
Fees, State and County tax.....	926.89
Clerk's fees	129.45
Justice court fines	2.75
Over-run General City tax.....	149.77
Interest on deposits and bonds	670.87
Over-run, State, County tax.....	8.47
Cleaning closets	33.75
Sanitary tax collected	948.75
Rejected tax collected, 1921.....	92.21
Dog license fees	1.35
Over-run, City tax	36.59
Gasoline account	763.27
Sale of part of Old Settlers' building	50.00
Birth certificates	50.50
Refund, freight on sewer tax.....	1,367.28
Outstanding checks deposited	165.60
Excess of sewer tax	20.39
Transfer from Water Dept., clerk hire.....	600.00
Liability Insurance	786.45
Tax on Napoleon Motor Co.....	116.68

Total receipts

\$ 24,787.00

Disbursements.

Office supplies	\$ 677.78
Postage	164.92
Water	4.96
Telephone	80.65
Fuel	201.07
Lamps	26.45
Laundry	13.70
Janitor	390.00
Janitor supplies	52.03
Office rent	400.00
Clerk's assistant	1,080.00
Treasurer's assistant	1,080.00
Extra labor	976.00
Election expense	1,770.21
Insurance	91.40
Miscellaneous expense	1,171.20
Board of review	144.00
Costs returned to justice	2.75
Killing dogs and cats	88.25
Clean closets	29.25
License tags	3.12
Claim against city	700.00
Refunds	195.05
Convention expense	40.00
To complete budget, 1923 tax.....	6,195.69
West side sewer	1,367.88
Gasoline	703.55
Gasoline pump and tank.....	253.39
Decoration Day expense	71.70
Expense Old Settlers' building	48.11
Typewriter	84.88
Ice	15.00
Lights	1.60
Lamps—Welcome sign	25.70
Taxes twice assessed	46.82
City treasurer's petty cash account.....	200.00

Total disbursements	\$ 18,397.11
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Balance in fund January 1, 1925	\$ 6,389.89
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PRINTING**Receipts.**

Balance in fund January 1, 1924	\$ 323.95
Budget of 1924	1,300.00

Total receipts	\$ 1,623.95
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Disbursements.

Proceedings in paper	\$ 589.27
Pamphlet proceedings	199.00
Annual reports	21.50
Notices, ordinances and other printing	436.30

Total disbursements	1,246.07
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Balance in fund January 1, 1925	\$ 377.88
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HEALTH DEPARTMENT

Receipts.

Balance in fund January 1, 1924	\$ 1,014.12
Garbage receipts	167.45
Budget, 1924	2,600.00

Total receipts	\$ 3,781.57
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Disbursements.

Health officer	\$ 1,802.88
Nurse	578.50
Supplies	179.25
Laboratory	23.90
Telephone	6.90
Printing	32.46
Collecting garbage	196.45
Clean river	145.00
Chlorine plant	5.08
Convention expense	28.60

Total disbursements	\$ 2,999.02
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Balance in fund January 1, 1925.....	\$ 782.55
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SALARIES

Receipts.

Balance on hand January 1, 1924	\$ 3,450.64
Budget	9,600.00

Total receipts	\$ 13,050.61
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Disbursements.

City clerk	\$ 2,100.00
City treasurer	2,100.00
City attorney	600.00
City assessor	800.00
City engineer	2,900.00
Mayor and Commissioners	1,100.00

Total disbursements	9,600.00
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Balance in fund January 1, 1925.....	\$ 3,450.61
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FIRE DEPARTMENT

Receipts.

Balance in fund January 1, 1924.....	\$ 1,965.53
Refunds	38.72
Budget	20,000.00

Total receipts	\$ 22,004.25
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Disbursements.

Regular salaries	\$ 8,932.66
Special	726.64
Truck and Hose Companies	554.00
Liability insurance	193.50
Convention expense	50.00
Fuel	426.69

Light and lamps.....	93.84
Water	14.40
Telephone	51.75
Auto repairs and upkeep	800.12
Department expense	545.29
Repairs to building	68.60
Laundry	36.50
Gas	32.51
Fire alarm system	623.13
Auto insurance	390.16
New equipment	182.73
Radio	200.00
Hire of team	87.73
Hydrant rental	7,000.00

Total disbursements	\$ 21,010.25
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Balance in fund January 1, 1925.....	\$ 994.00
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POLICE DEPARTMENT.

Receipts.

Balance in fund January 1, 1924	\$ 2,139.07
Budget	6,980.00

Total receipts	\$ 9,119.07
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Disbursements.

Regular salaries	\$ 6,100.00
Light	24.64
Water	8.12
Telephone	34.95
Liability insurance	86.98
Auto repairs and gasoline	163.73
Office supplies, street paint	56.94
Laundry	15.00
Convention expense	50.00
Auto	495.00
Miscellaneous expense	32.36
Supplies	43.91

Total disbursements	\$ 7,111.64
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Balance in fund January 1, 1925	\$ 2,007.43
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INTEREST AND SINKING

Receipts.

Balance in fund, January 1, 1924.....	\$ 40,077.93
Interest received	1,900.00
Budget	11,308.00

Total receipts	\$ 53,286.74
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Disbursements.

Interest, Bridge bonds	\$ 270.00
Paving bonds and interest	4,850.00
Interest, West Side Park bond.....	116.87
Interest, street intersections	1,170.00
Interest, Athletic and Recreation bond.....	2,506.26

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Interest, Park and Improvement bond.....	225.00	
Interest, Creek Improvement bond.....	122.50	
Total disbursements		\$ 9,260.63
Balance in fund January 1, 1925.....		\$ 44,026.11

LIBRARY

Receipts.

Balance in fund January 1, 1924.....	\$ 2,400.87	
Budget	7,300.00	
Total receipts		\$ 9,700.78

Disbursements.

Librarian's salary	\$ 1,031.00	
Assistant librarian	930.00	
Assistant librarian	424.60	
Janitor	1,003.86	
Oak Park librarian	492.00	
Extra assistants	50.40	
Extra janitor	20.00	
Books	1,231.58	
Fuel	707.57	
Repairs	43.39	
Miscellaneous repairs	24.98	
Printing	58.50	
Binding books and magazines	589.10	
Light and lamps	137.42	
Equipment	149.92	
Water	31.52	
Convention expense	23.00	
Magazine and newspaper subscriptions.....	27.00	
Laundry	5.00	
Fire insurance	201.73	
Dues	8.00	
Miscellaneous supplies	35.22	
Gas	5.60	
Total disbursements		\$ 7,231.39
Balance in fund January 1, 1925.....		\$ 2,469.48

LIGHT

Receipts.

Balance in fund January 1, 1924.....	\$ 2,760.16	
Budget	9,184.00	
Total receipts		\$ 11,944.16

Disbursements.

Street lights	\$ 9,087.00	
City offices	154.15	
Total disbursements		\$ 9,241.15
Balance in fund January 1, 1925.....		\$ 2,703.01

GENERAL SEWER.

Receipts.

Balance in fund January 1, 1924.....	\$ 633.84
Budget	3,800.00

Total receipts	\$ 4,433.84
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Disbursements.

Clean catch basins	\$ 196.00
Repair and clean sewers	337.64
New man holes	229.04
Liability insurance	143.82
Sewer in alley south of State street.....	90.25
Sewer in alley south of Front street.....	391.81
New sewer on West side, Oak St. to Wayne....	2,039.00
East Eighth St. sewer	940.44
Steel forms	27.08

Total disbursements	\$ 4,394.58
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Balance in fund January 1, 1925.....	\$ 39.26
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BRIDGE

Receipts.

Balance in fund January 1, 1924	\$ 1,029.48
Refunds	334.18
Budget	2,000.00

Total receipts	\$ 3,363.66
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Disbursements.

Replanking N. Union St. bridge	\$ 175.00
Replanking Park St. bridge	1,428.99
Repair Eighth street bridge	151.60
Repair Cass street bridge	809.67
Repair S. Union street bridge.....	898.50
Lamps	49.86
Paint	87.35
Lumber	381.71
Tarvia	6.75
Repairs all bridges	64.50

Total disbursements	\$ 4,053.93
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Overdrawn January 1, 1925.....	\$ 690.27
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INDUSTRIAL FUND.

Receipts.

Balance in fund January 1, 1924.....	\$ 125.64
Budget	1,200.00

Total receipts	\$ 1,325.64
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Disbursements.

Light and power	\$ 1,632.33
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Total disbursements	1,632.33
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Overdrawn January 1, 1925.....	\$ 306.69
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PARKS

Receipts.

Balance in fund, January 1, 1924.....	\$ 1,659.29	
Budget	2,800.00	
Refund, note East Side park.....	5,921.51	
Bath house sold	20.00	
Supplies sold	2.40	
Total receipts		\$ 10,403.20

Disbursements.

Sunset park	\$ 699.81	
Hannah park	984.64	
Lake Avenue park.....	104.15	
Miscellaneous expense	51.19	
Ashton park	132.36	
North Cass St. park	143.29	
Bath houses	22.55	
Monroe St. park	5.40	
East Bay park	41.65	
Comfort Station:Light and lamps, \$14.73; man, \$180.00; heating, \$97.98; water, \$72.00; repairs and supplies, \$154.74.....	519.45	
Liability insurance	25.74	
Bryant park	334.57	
Bath house, West side	485.50	
Recreation fund	429.75	
Pay note for East Side park.....	5,921.51	
Total disbursements.....		\$ 9,901.96
Balance in fund January 1, 1925.....		\$ 501.24

GENERAL STREET

Receipts.

Balance in fund January 1, 1924.....	\$ 2,690.67	
Market receipts	644.80	
Telephone commission .....	.06	
City team	1,049.18	
Grader	270.00	
Truck	1,916.80	
Tractor	363.30	
Material sold	25.00	
Building sidewalk	264.45	
Wood sold	50.00	
Extra labor	74.25	
Budget	31,456.00	
Tarvia	54.00	
Clean alleys	115.00	
From Sixth and Cedar sewer.....	918.44	
Chloride sold	67.50	
Crushed stone sold	7.96	
Refund .....	.50	
Tile sold	3.00	
Total receipts		\$ 39,970.91

Disbursements.

Street commissioner's salary	\$ 1,900.00
Snow plowing, hauling snow.....	3,966.10
Care of dump	687.10
Weighmaster's salary	900.00
New tools and road machinery	339.15
Horse shoeing	126.40
Repairs to tools and equipment.....	633.85
Tool House:—Light, \$15.27; water, \$4.53; tele- phone, \$51.00; feed and bedding, \$806.89; vet- erinary, \$2.50; fuel, \$35.48; miscellaneous ex- pense, \$269.66.....	1,185.32
Market:—Light, \$9.00; water, \$4.52; fuel, \$30.73; repairs, \$192.42	236.67
Supplies	135.64
Liability insurance	280.55
Clean pavement	2,901.19
Water, horse troughs	216.00
Street sprinkling	174.75
Cutting weeds	83.76
Water for street sprinkling	350.00
Oil for machinery	37.30
Milliken drive	13.50
Tractor and plow	5,958.92
New engine for truck	573.01
Repair walks	151.25
Gas for mixer and trucks.....	925.88
Repair pavement	396.35
Insurance	216.51
Light, ward halls	39.85
Repairs to truck	950.30
Equipment and labor, clean alleys.....	1,083.38
Crushed stone	106.72
Miscellaneous supplies	711.40
General repairs	4,326.98
Chloride	3,693.00
New car for engineer	494.90
Engineer's helper	440.00
E. Front St. paving No. 1.....	578.85
E. Front St. paving No. 2.....	706.81
Lake avenue curb and gutter.....	428.47
Randolph street curb and gutter.....	1,121.82
Randolph street special storm sewer.....	303.03
Franklin street curb and gutter.....	183.00
Park street curb and gutter.....	133.00
S. Spruce street walk.....	359.80
W. Front street walk.....	313.20
W. Front street curb and gutter No. 2.....	660.00
Alley pavement	500.00
Walk on Barlow street	312.14
Walk on Eighth street.....	327.56
Ward halls	476.71
Repairs to auto	69.38
Care of gravel pit	105.28
Washington street dump.....	359.38
Water, ward halls	39.40
Grading	244.00
City gas tank	6.80
West side sewer.....	159.25

Tarvia	68.69	
Total disbursements		\$ 41,692.30
Overdrawn January 1, 1925.....		\$ 1,721.39

WHARF.

Receipts.

Budget	\$ 175.00	\$ 175.00
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Disbursements.

Overdrawn balance January 1, 1924....;	\$ 11.49	
Pier lights	54.00	
Lamps	4.81	
Total disbursements		\$ 70.30
Balance in fund January 1, 1925.....		\$ 104.70

CEMETERY

Receipts.

Balance in fund January 1, 1924.....	\$ 1,155.95	
Extra grave service	173.00	
Burials	813.00	
Care of lots	2,561.60	
Extra labor	328.00	
Grading and seeding	439.10	
Material sold ..	5.75	
Budget	1,500.00	
Total receipts		\$ 6,976.40

Disbursements.

Sexton's salary	\$ 1,300.13	
Horse hire	300.00	
General labor	2,049.46	
Care of lots	1,364.12	
Telephone	51.00	
Water for house	12.60	
Water for cemetery	500.00	
Liability insurance	39.18	
Tools, hose and incidentals	146.88	
Repairs to building	57.43	
Light and lamps	36.59	
Flowers	20.00	
Miscellaneous expense	107.39	
Grass seed	30.95	
Snow plowing	18.90	
Refunds	59.00	
Painting house	135.00	
Total disbursements		\$ 6,229.03
Balance in fund, January 1, 1925.....		\$ 747.37

CEMETERY EXTENSION AND IMPROVEMENT.

Receipts.

Balance in fund January 1, 1924.....	\$ 2,612.28
Single graves sold	24.00
Lots sold	1,408.30

Total receipts	\$ 4,044.58
----------------------	-------------

Disbursements.

Hedge fence	\$ 163.75
Soil	360.00
New mains	609.44
Grading	196.25
Clearing grounds	42.00
Refund	10.00

Total disbursements	\$ 1,381.44
---------------------------	-------------

Balance in fund January 1, 1925.....	\$ 2,663.14
--------------------------------------	-------------

CEMETERY—PERPETUAL CARE.

Receipts.

Balance in fund January 1, 1924.....	\$ 4,858.00
For perpetual care	1,025.00
Interest on bonds	12.58

Total receipts	\$ 5,895.58
----------------------	-------------

Disbursements.

Transfer to Cemetery fund, care of lots.....	\$ 12.58	\$ 12.58
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Balance in fund January 1, 1925.....	\$ 5,883.00
--------------------------------------	-------------

WATER DEPARTMENT

Receipts.

Balance in fund, January 1, 1924.....	\$ 34,704.55
Schedule water sales	3,547.59
Metered water sales	20,236.52
Installing meters	230.00
Coal sold*	309.92
Tanks returned	196.57
Material sold	227.77
Taps	383.00
Interest on Liberty bonds	106.25
Labor sold	104.00
From health department	5.08
Catholic cemetery	100.00
City cemetery	500.00
General street	350.00
Hydrant rental	7,000.00
Interest	950.40

Total receipts	\$ 68,951.65
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Disbursements.

Pay rolls	\$ 33,311.14
Interest on bonds	2,647.50

Bond	20,000.00	
Total disbursements		\$ 55,598.64
Balance in fund January 1, 1925.....		\$ 12,993.01

ELECTRIC LIGHT AND POWER DEPARTMENT

Receipts.

Balance in fund January 1, 1924.....	\$ 4,027.62	
Light and power	69,293.69	
Inspections	6.00	
Material sold	1.00	
Interest received	950.42	
Total receipts		\$ 74,458.73

Disbursements.

Pay rolls	\$ 58,021.87	
Balance in fund January 1, 1924.....		\$ 16,436.86

CITY BUDGET ACCOUNT.

Receipts.

Tax collections, 1923 budget.....	\$ 14,363.63	
Tax collections, 1924 budget.....	104,904.78	
Rejected tax collected	12.24	
Total receipts		\$119,280.65

Disbursements.

Balance due on budget 1923.....	\$ 14,363.63	
1924 budget	117,839.59	
Total disbursements		\$132,203.22
Amount to be collected January 1, 1925.....		\$ 12,922.57

INTEREST ACCOUNT.

Receipts.

Interest on deposits	\$ 663.23	
Interest on Liberty Bonds	1,959.27	
Interest on paving bonds	1,850.00	
Total receipts.....		\$ 4,472.50

Disbursements.

Disbursed to funds.....	\$ 4,472.50	
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WATER—LIBERTY BOND ACCOUNT

Balance January 1, 1925.....	\$ 5,000.00	
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OFFICE BUILDING FUND.

Balance January 1, 1925.....	\$ 748.00	
------------------------------	-----------	--

SIXTH AND CEDAR STREET SEWER

Receipts.

Balance January 1, 1924.....	\$	918.44
------------------------------	----	--------

Disbursements.

Transfer to General street	\$	918.44
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LIGHT AND POWER SINKING FUND.

Receipts.

Balance in fund January 1, 1924.....	\$	62,251.83
Interest on bonds		2,713.13
Transfer from E. L. & P. Dept.....		7,000.00

Balance January 1, 1925.....	\$	71,964.96
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WEST NINTH STREET CURB AND GUTTER

Receipts.

Collections	\$	81.25	\$	81.25
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Disbursements.

Balance on hand January 1, 1924.....	\$	458.82
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Overdrawn January 1, 1925.....	\$	377.57
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WEST TENTH ST. CURB AND GUTTER.

Collections	\$	43.75	\$	43.75
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Disbursements.

Balance January 1, 1924.....		383.65
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Overdrawn January 1, 1925.....	\$	339.90
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E. FRONT STREET PAVING NO. 1.

Collections	\$	801.69
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Disbursements.

Balance January 1, 1924.....		1,030.98
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Overdrawn January 1, 1925.....	\$	229.29
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E. FRONT STREET PAVING NO. 2.

Receipts.

Collections	\$	2,371.11
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Disbursements.

Balance January 1, 1924		2,606.32
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Overdrawn January 1, 1925.....	\$	1,235.21
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12TH AND 13TH STREET SEWER.

Receipts.

Collections	\$	55.57
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Disbursements.

Balance January 1, 1924.....	\$ 3,606.32
Balance in fund January 1, 1925.....	\$ 21.22

LAKE AVE. CURB AND GUTTER

Receipts.

Collections	\$ 428.47
-------------------	-----------

Disbursements.

Balance January 1, 1924.....	\$ 428.47
------------------------------	-----------

SO. UNION STREET IMPROVEMENT.

Receipts.

Balance in fund January 1, 1924.....	\$ 115.45
Collections	699.23
Total receipts.....	\$ 814.68

Disbursements.

Transfer to General Street, N. W. approach.....	416.24
Balance in fund January 1, 1925.....	\$ 398.44

GENERAL STREET, NORTHWEST APPROACH

Receipts.

Transfers	\$ 8,631.33
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Disbursements.

Balance January 1, 1924.....	\$ 242.91
Cement	4,582.18
Expansion joint	213.63
Total disbursements	5,038.72
Balance in fund January 1, 1925.....	\$ 3,592.61

RANDOLPH STREET CURB AND GUTTER

Receipts.

Collections	\$ 1,340.80
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Disbursements.

Balance January 1, 1924.....	1,456.83
Overdrawn January 1, 1925.....	\$ 116.03

W. FRONT STREET CURB AND PAVEMENT.

Receipts.

Balance January 1, 1924.....	\$ 2,511.44
Collections	1,873.83
Total receipts	\$ 4,385.27

Disbursements.

Transfer to General Street, Northwest Approach	\$ 3,655.91
Balance in fund January 1, 1925.....	\$ 729.36

NORTH ELMWOOD AVE., CURB AND PAVEMENT.**Receipts.**

Balance January 1, 1924	\$ 3,988.35
Collections	2,286.31
Total receipts	\$ 6,274.66

Disbursements.

Transfer to General Street, Northwest Approach	\$ 4,559.18
Balance in fund January 1, 1925.....	\$ 1,715.48

LIBERTY BOND ACCOUNT.**Receipts.**

Paving bond paid.....	\$ 3,000.00
Park bond paid	5,700.00
Total receipts	\$ 8,700.00

Disbursements.

Balance January 1, 1924.....	\$155,850.00
Sewer District No. 9 note.....	8,333.33
Lateral sewer No. 1, District 9, note.....	4,166.67
Alley pavement note	6,100.00
Randolph street, special storm sewer note.....	4,000.00
Seventh street, storm sewer note.....	3,965.25
Total disbursements	\$182,415.25
Balance January 1, 1925.....	\$173,715.25

BROWN BRIDGE INTEREST AND SINKING.**Receipts.**

Balance January 1, 1924.....	\$ 7,433.36
Budget	6,600.00
From E. L. & P. Dept.....	12,000.00
Total receipts	\$ 26,033.36

Disbursements.

Bond paid	\$ 5,000.00
Interest	14,850.00
Total disbursements	\$ 19,850.00
Balance in fund January 1, 1925.....	\$ 6,183.76

E. EIGHTH ST. SEWER.**Receipts.**

Collections	\$ 2,113.33
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Disbursements.

Balance January 1, 1924.....	4,288.60
Overdrawn January 1, 1925.....	\$ 2,175.27

FRANKLIN STREET CURB AND GUTTER**Receipts,**

Collections	\$ 346.95
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Disbursements.

Balance January 1, 1924.....	\$ 416.78
Overdrawn January 1, 1925.....	\$ 69.83

W. FRONT ST. CURB AND GUTTER NO. 2.**Receipts.**

Collections	\$ 976.83
-------------------	-----------

Disbursements.

Balance January 1, 1924.....	\$ 1 223.12
Overdrawn January 1, 1925.....	\$ 246.29

PARK STREET CURB AND GUTTER**Receipts.**

Collections	\$ 304.94
-------------------	-----------

Disbursements.

Balance January -, 1924.....	\$ 517.49
Overdrawn January 1, 1925.....	\$ 212.55

SEWER DISTRICT NO. 9.**Receipts.**

Collections	\$ 5,520.70
From note	8,333.33
Railroad claims on sewer pipe.....	57.84
Total receipts	\$ 13,911.87

Disbursements.

Labor	\$ 3,241.42
Sewer pipe	5,402.25
Manhole, rings and covers.....	639.85
Jute and steel	64.81
Stakes	9.75
Lumber	38.37
Cement	94.50

Brick	123.50	
N. Oak St. sewer	52.40	
Total disbursements		\$ 9,317.13
Balance in fund January 1, 1925.....		\$ 4,594.74

LATERAL SEWER NO. 1, DISTRICT N. 9.

Receipts.

Collections	\$ 2,255.31	
Loan	4,166.67	
Balance in fund January 1, 1925.....		\$ 6,421.98

ALLEY PAVEMENT.

Receipts.

Collections	\$ 3,435.03	
Loan	6,100.00	
Total receipts		\$ 9,535.30

Disbursements.

Labor	\$ 416.40	
Manhole, rings and covers	639.85	
Collections	280.60	
Contractor's price	6,567.00	
Expansion joints	82.18	
Cement and brick	163.23	
Total disbursements		\$ 8,149.26
Balance in fund January 1, 1925.....		\$ 1,385.77

SEVENTH STREET STORM SEWER

Receipts.

Loan	\$ 3,965.25	
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Disbursements.

Labor	\$ 1,175.78	
Brick and stakes	67.02	
Cement and jute	15.45	
Manhole tops	12.50	
Armco and sewer pipe	2,694.50	
Total disbursements		\$ 3,965.25

BALANCE SHEET

Credits.

Contingent	\$ 6,389.89	Police department	2,007.43
Printing	377.88	Interest and sinking....	44,026.11
Health	782.55	Library	2,469.48
Salaries	3,450.61	Light	2,703.01
Fire department	994.00	General sewer	39.26
		Park	501.24
		Wharf	104.70
		Cemetery	747.37

Cemetery Extension and Improvement	2,663.14
Cemetery, Perpetual care	5,883.00
Water department	12,993.01
E. L. & P. Dept.....	16,436.86
Water—Liberty bonds..	5,000.00
Office building fund....	748.00
Light and power sinking fund	71,964.96
12th and 13th St. sewer	21.22
So. Union St. Imp.....	398.44
General Street, N. W. Approach	3,592.61
W. Front St. curb and pavement	729.36
N. Elmwood curb and pavement	1,715.48
Brown Bridge interest and sinking	6,183.36
Sewer Dist. No. 9.....	4,594.74
Lateral sewer No. 1, District 9.....	6,421.98
Alley pavement	1,385.77
State and county funds.	4,892.16
City treasurer's petty cash account	200.00
Total	\$210,417.62

Debits.

Bridge	\$ 690.27
Industrial fund	306.69
General street	1,721.39
City budget acct.....	12,922.57
W. 9th St. curb and gutter	377.57
W. 10th St. curb and gutter	339.90
E. Front St. paving No. 1	229.29
E. Front St. paving No. 2	1,235.21
Randolph St. curb and gutter	116.03
Liberty Bond acct.....	173,715.25
Franklin St. curb and gutter	69.83
W. Front St. curb and gutter No. 2.....	246.29
Park St. curb and gutter	212.55
E. 8th St. sewer.....	2,175.27
Cash	16,059.51
Total	\$210,417.62

BONDS OUTSTANDING

Electric Light Bonds—	
Due June, 1932. Rate of interest, 4 per cent	\$125,000.00

Waterworks Extension—	
Due Nov. 1, 1930. Rate of interest, 4 per cent	11,000.00
Due June 1, 1928. Rate of interest, 4½ per cent	6,000.00
Due April 1, 1929. Rate of interest, 4¼ per cent	15,000.00
WaterWorks Pump—	
Due April 1, 1929. Rate of interest, 4¼ per cent	20,000.00
Paving Intersections—	
Due June 1, 1928. Rate of interest 4½ per cent	20,000.00
Due June 1, 1929. Rate of interest, 4½ per cent	6,000.00
Bridge—	
Due Aug. 1, 1928. Rate of interest, 4½ per cent	6,000.00
Park and Improvement—	
Due July 1, 1932. Rate of interest, 4½ per cent	5,00.00
Recreation and Athletic—	
Due July 1, 1936. Rate of interest, 5 per cent	50,000.00
Brwn Bridge Plant Bonds—	
Due serially. Rate of interest, 6 per cent.	245,000.00
Special Paving Bonds—	
Due serially. Rate of interest, 5 per cent...	37,000.00
	\$546,000.00
Assessed valuation, 1919,	\$7,766,475
Assessed valuation, 1921,	\$7,834,290
Assessed valuation, 1921,	\$7,836,392
Assessed valuation, 1922,	\$8,032,840
Assessed valuation, 1923,	\$8,033,550
Assessed valuation, 1924,	\$8,071,110
Tax rate, city purposes, per \$1,000:	
1919	\$10.44
Tax rate, city purposes, per \$1,000:	
1920	\$12.45
Tax rate, city purposes, per \$1,000:	
1921	\$14.30
Tax rate, city purposes, per \$1,000:	
1922	\$14.42
Tax rate, city purposes, per \$1,000:	
1923	\$14.86
Tax rate, city purposes, per \$1,000:	
1924	\$14.60

Tax rate, 1919: State, \$3.59;
county, \$3.59; county road, \$2.05;
school, \$9.18. Total, \$18.41.

Tax rate, 1920: State, \$3.49;
county, \$4.00; county road, \$2.00;
school, \$12.00. Total, \$21.49.

Tax rate, 1921: State, \$3.20;
county, \$6.00; county road, \$2.00;
school, \$15.70. Total, \$26.90.

Tax rate, 1922: State, \$2.68;
county, \$4.00; county road, \$1.98;
school, \$17.30. Total, \$25.96.

Tax rate, 1923: State, \$2.45;
county, \$4.00; county road, \$4.00;
school, \$17.50. Total, \$27.95.

Tax rate, 1924: State, \$2.02;
county, \$6.00; county road, \$2.00;
school, \$16.20. Total, \$26.22.

2 document files	25.00
Sectional book case.....	25.00
2 safe cabinets	250.00
Paper baler	12.00
Vault equipment	100.00
Election outfits	200.00
6 steel letter files.....	60.00
	<hr/>
	\$2,125.00

Mayor's Office.

8 chairs	\$ 330.00
Table	92.65
Rug	120.13
Fireplace logs	31.16
	<hr/>
	\$ 573.94

INVENTORY OF CITY OFFICE BUILDING.

Furniture and Fixtures.

Clerk's and Treasurer's Office.

2 roll top desks	\$ 30.00
4 high desks	75.00
2 flat top desks	50.00
Sectional cabinets	275.00
2 swing chairs	15.00
2 small swing chairs.....	6.00
High desk chair	3.00
5 oak chairs	25.00
2 wardrobes	5.00
Table	3.00
Typewriter desk	10.00
2 typewriters	125.00
Adding machine	300.00
Adding machine	250.00
Addressograph	275.00
Water cooler	3.00
Letter press	3.00

Commission Room.

Table	\$ 12.00
6 desks	30.00
17 chairs (swing)	35.00
Mayor's chair	25.00
10 high back chairs	10.00
25 folding chairs	5.00
	<hr/>
	\$ 117.00

Assessor's Office.

Large desk	\$ 40.00
Swing chair	5.00
Oak chair	5.00
Desk lamp	2.00
Filing case	10.00
	<hr/>
	\$ 62.00

City ownership in build-
ing, one half interest...\$4,000.00

Department of Public Health and Welfare

FRED P. BOUGHEY, Commissioner

To the Mayor and Commissioners, Traverse City, Michigan:
Gentlemen: I present herewith the annual report of Electric Light
and Power department, Library and Cemetery departments for year
1924.
Yours respectfully,

Fred P. Boughey,
Commissioner of Public Health and Welfare.

Traverse City, Michigan, Feb. 25, 1925.

To the Honorable Mayor and Commission:
Gentlemen: The Light and Power Department of the City of Trav-
erse City submits its annual report for the year ending December 31,
1924.

The department has had a very successful year, and I hope the report
will meet with your approval.

Thanking you for the support and co-operation you have all given
the department in making it a success, I am,

Yours very truly,
William Love,
Superintendent.

Report of Electric Light and Power Department, 1924. Assets.

Cash on hand		\$ 16,436.86
Accounts receivable		11,390.84
Material and Supplies:		
Wiring stock	\$ 1,088.18	
Lamps	833.37	
Poles	986.36	2,907.91
Prepayments:		
Insurance:		
Fire	\$ 68.89	
Liability	353.82	422.71
Plant—Keystone:		
Land	\$ 13,540.40	
Structures	3,177.61	
Dam and waterways	39,334.76	
Water wheel	9,180.80	

Generator units	13,048.15	
Sub station	8,839.86	
Overhead conduct	30,958.21	
Services	44,825.18	
Line transformers	22,175.61	
Consumers' meters	13,717.29	
Street light equipment	11,447.30	
office structure	1,500.00	
Office equipment	670.20	
Transportation Equipment:		
Ford	178.25	
Truc k.....	1,132.72	213,726.34
Plant—Brown Bridge:		
Land	\$ 11,100.00	
Structures	20,719.13	
Dam and waterways	186,214.34	
Water wheel	11,083.52	
Turbo-Gen. units	18,664.84	
Sub station equipment	5,507.42	
Overhead conduct	11,883.11	
Line transformers	12,155.41	277,327.77
Keystone sinking fund		71,964.96
Brown Bridge sinking fund.....		6,183.36
Deferred payments		106.25
		<u>\$600,467.00</u>
Liabilities.		
Long Term Debit: Bonds	\$370,000.00	
Consumers' deposits	565.62	
Accrued Liabilities: Interest	1,049.09	
Accounts payable	135.59	
Surplus	168,633.97	
Retirement reserve	60,082.73	
		<u>\$600,467.00</u>

Expense.

Keystone—		
Production:		
Supt. and labor	\$ 4,219.03	
Miscellaneous supplied and equipment.....	225.74	
Maintenance:		
Dam	13.55	
Hydro-electric equipment	193.03	
Buildings	136.65	
Transmission:		
Supt. and labor	439.97	
Structures	13.89	\$ 5,242.76
Brown Bridge:		
Production:		
Supt. and labor	\$ 3,889.97	
Miscellaneous supplies and expenses.....	230.48	
Maintenance:		
Buildings	69.79	
Reservoirs, dam, etc.....	967.85	

Hydro-electric equipment	58.97	
Power plant, miscellaneous	22.36	
Transmission:		
Superintendence	446.99	5,686.41
Distribution:		
Superintendence	\$ 470.75	
Sub station	2.49	
Operation of distributing lines	178.34	
Operation of meters, trans.....	124.77	
Maintenance, meters, trans.....	131.74	
Maintenance, services	369.21	
Maintenance, dist. lines	3,300.23	
Maintenance, structures	223.31	4,800.84
Utilization:		
Consumers' installation and inspection.....	\$ 1,627.99	
Maintenance St. light equipment	813.42	2,241.41
Commercial:		
Labor on books and contracts.....	\$ 720.00	
Meter reading	547.87	
Supplies and expense	26.70	1,294.57
New Business Expense:		
Advertising	\$ 67.70	67.70
General Expense:		
General office salaries	\$ 720.00	
Miscellaneous supplies and expenses.....	644.56	
Insurance:		
Fire	78.48	
Liability	728.14	
Automobile	21.03	
Store expense	19.16	
Transportation Expense:		
Ford	156.37	
Truck	288.76	
Retirement expense	12,100.36	
Taxes	500.54	
Miscellaneous—General Expense:		
Donations	72.78	
Shop	538.51	
Convention	60.00	
Christmas tree	13.31	15,942.00
Total operating expense		\$ 35,475.69
Non-operating expense: Interest.....		17,312.52
Total expense		\$ 52,788.21

Income.

Income From Operating Properties.

Operating Revenues:

Current sales	\$ 66,321.43
Store sales	4,816.45
Wiring sales	3,211.37

Total \$ 74,349.25

Operating Expenses:

Current	\$ 35,475.69
Store	4,392.68
Wiring	2,632.97

Total revenue deductions	42,501.34
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Gross income	\$ 31,847.91
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Income From Non-Operating Properties.**Miscellaneous Interest Revenues:**

Daily balances	\$ 950.42
Sinking fund	2,819.38

\$ 3,769.80

Miscellaneous Revenues:

Old accounts paid in.....	38.70
Sale of junk	28.38
Rent of land	50.00
Pipe thawing	1.88
Pole rental	80.70
Refund clean pond	20.00

\$ 219.66	\$ 3,989.46
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Gross corporate income	\$ 35,837.37
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Deductions From Gross Corporate Income:

Interest on long term debt	\$ 17,312.52
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Miscellaneous Deductions:

Uncollectable bills	70.93
Losses on lamps	217.85
Inspection	16.97
Loss on Ex. Truck	460.61
Loss on Ex. stock22

Total deductions from gross corporate income..	18,079.10
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\$ 17,758.27

Sale of Current.

Metered	\$ 35,329.68
Schedule	9,636.24
Power	21,355.51

Total	\$ 66,321.43
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Total current sales	\$ 66,321.43
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Current cost	35,475.69
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Current profit	\$ 30,845.74
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Current delivered	1,830,233 k. w.
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Total cost	\$ 35,475.69
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Cost per K. W.....	.0193
Total sales	\$ 66,321.43
Selling price per K. W.....	.0362
Selling price per K. W.....	.0362
Cost per K. W.....	.0193
Gain per K. W.....	.0169

Profit and Loss—Debit.

Losses:		
Lamps—Breakage, etc.....	\$	217.85
Exchange truck		460.83
Inspection		16.97
Uncollectable Accounts:		
Old accounts charged off	70.93	\$ 766.58
Net profit, 1924		17,758.27
		<u>\$ 18,524.85</u>

Profit and Loss—Credit.

Sale of junk	\$	28.38
Old accounts paid in.....		38.70
Rent of land		50.00
Pole rental		80.70
Refund pond expense		20.00
Profit sale of current	13,533.22	
Store	423.77	
Wiring	578.40	
Pipe thawing	1.88	
Interest on bonds	3,769.80	
Total		<u>\$ 18,524.85</u>

**Inventory.
Keystone Plant.**

Inventory, December, 1923	\$207,112.03
Add—Delivery equipment	1,084.49
	<u>\$208,196.52</u>
Less depreciation	5,444.68
	<u>\$202,751.84</u>

Improvements:

Arc lights	\$	220.61
Services		1,717.36
Overhead conductors		2,085.91
Meters		1,096.18
Lt. arresters		70.67
Transformers		890.10
St. light posts		38.59
		<u>6,119.42</u>
		<u>\$208,871.26</u>

Brown Bridge Plant.

Inventory, December, 1923	\$277,327.77
Less depreciation	6,655.68
	<u>\$270,672.09</u>

Insurance.			
Name.	Policy Number.	Expires.	Valuation
Home Insurance Co.....	3936	10-16-25	\$ 6.95
Securities Insurance Co.....	5314	10-18-27	16.92
Firemen's Insurance Co.....	257	10-18-27	16.92
Sun Insurance Office	386277	9-4-27	12.85
Sun Insurance Office	386278	9-16-27	11.49
Firemen's Fund Insurance Co.....	223224	1-28-25	.94
The Continental Insurance Co.....	3858	1-28-25	.94
The Phoenix Insurance Co.....	8064	1-28-25	.94
Insurance Co. of North America.,.	2408	1-28-25	.94
Total value			\$68.89
Liability insurance			\$ 353.82

Bonds Outstanding Dec. 31, 1924.

Due June 1, 1932, on Keystone Plant.

Nos. 1-90 and 115-150. Rate 4½%. Amount \$1,000.00. Total \$125,000.00

Brown Bridge Plant.

Nos. 1-250. Rate, 6%. Amount, \$1,000.00.00 Totaly1, \$245,000.00.

Dated May 2, 1925.

Serial, 1st—\$5,000.00 due each year, June 15, 1924-28 inc.

Next—\$7,000.00 due each year, June 15, 1929-33-inc.

Next—\$9,000.00 due each year, June 15, 1934-39 inc.

Next—\$12,000.00 due each year, June 15, 1940-43 inc.

Next—\$15,000.00 due each year June, 15, 1944-48 inc.

Next—\$10,000.00 due each year, June 15, 1949.

Traverse City Public Library. Trustees' Report.

To the Honorable Mayor and Commissioners of the City of Traverse City, Michigan:

Gentlemen: Herewith please find librarian's report for the year ending December 31, 1924.

The statistics prepared by the librarian speak for themselves, and we feel that the library is rendering our citizens a worth-while service.

We hope in the near future by a publicity campaign to have more of our citizens avail themselves of the excellent library at their disposal.

We were sorry at the end of the year to lose the service of Mr. Lee Hornsby from our board. Mr. Hornsby has served the library faithfully and well for many years, both in the capacity of secretary, and in later years as chairman.

We are glad the vacancy has

been filled by such an able citizen as the Rev. Demas Cochlin.

Yours truly,

Leon F. Titus,

Elsie C. Thirlby.

Librarian's Report.

To the Board of Library Trustees:

I have the honor of presenting to you the twenty-first annual report of the Traverse City Public Library for the year January 1st to December 31st, 1924.

Circulation.

The total number of books issued for home use in 1924 was 52458. Of this total circulation 40242 were issued from the Main Library building and 12216 from our Oak Park Branch library.

We allow anyone in the county to borrow books, also have calls from people in some of the nearby counties. We loan books to these non-residents by asking them to pay a dollar a year for this privilege.

Registration.

It will not be possible this year to give the number of borrowers listed as patrons of the library, for in July we started a new register. We deemed this necessary, as it had been five years since we had asked the patrons to re-number.

Reference Work.

More and more demands are being made upon the library for reference material, not only by high school students, but by the citizens who are learning to depend on the library for such information. Many questions are answered over the telephone.

Periodicals.

Ninety-four periodicals are regularly on file, including technical, literary, current event and popular magazines. A large number of these are bound and form a permanent and valuable addition to the reference department.

Conventions.

May 20th, the library entertained the annual meeting of the Traverse Bay Region Round Table. Eleven libraries were represented. A most instructive and profitable meeting was enjoyed by those present.

Staff.

July tenth the librarian was granted a two months leave of absence that she might take a motor trip to Yellowstone Park and visit in the west.

Miss Gladys Fryxell assisted during the absence of the librarian.

Gifts.

One hundred and seventy-six books were gifts to the two libraries this year. Also numerous booklets, papers and pamphlets.

We wish to thank the Herald and Record Company for a daily copy of the Record-Eagle, also for the printing of the list of new books and magazines.

In closing this report I wish to thank the library trustees for their unfailing support, and my assist-

ants for their loyalty to the library.

Respectfully submitted,

Alice M. Wait,
Librarian.

Statistical Report.

Number of adult books issued by classes:

Main Library: Fiction, 21500; philosophy, 170; religion, 131; sociology, 427; philology, 14; natural science, 187; useful arts, 585; fine arts, 680; literature, 1051; history, 372; travel, 623; biography, 439; general works, 1216. Total 27395.

Oak Park Branch: Fiction, 5548; philosophy, 3; religion, 7; sociology, 5; natural science, 23; useful arts, 156; fine arts, 55; literature, 55; history, 47; travel, 38; biography, 64; general works, 971. Total, 6972.

Total number of adult books issued, 34367.

Number of juvenile books issued by classes:

Main Library: Juvenile fiction, 10381; philosophy, 2; religion, 32; sociology, 1024; philology, 90; natural science, 133; useful arts, 138; fine arts, 136; literature, 249; history, 120; travel, 179; biography, 91; general works, 272. Total, 12847.

Oak Park Branch: Juvenile fiction, 4330; philosophy, 4; religion, 25; sociology, 162; philology, 16; natural science, 91; useful arts, 23; fine arts, 55; literature, 65; history, 61; travel, 50; biography, 33; general works, 329. Total, 5244.

Total number of juvenile books issued, 18091. Total number of books issued, 52458.

Number of volumes in the library by classes:

Main Library: Fiction, 3717; philosophy, 175; religion, 276; sociology, 617; philology, 48; natural science, 366; useful arts, 493; fine arts, 337; literature, 986; history, 939; travel, 503; biography, 449; general works and bound magazines, 1739; crochet books, 30; Michigan documents, 502; Michigan pamphlets, 1310; U. S. documents, 537; U. S. pamphlets, 5643;

U. S. Geologic Atlases, 241; art collections, 4; stereoscope travels, 6. Total, 18718.

Oak Park Branch: Fiction, 1090; philosophy, 11; religion, 25; sociology, 23; philology, 11; natural science, 23; useful arts, 24; fine arts, 11; literature, 107; history, 122; travel, 76; biography, 56; general works and bound magazines, 116; crochet books, 20. Total, 1715.

Total number of adult books in the library, 20433.

Number of Juvenile books in the library by classes:

Main Library: Juvenile fiction, 1528; religion, 33; sociology, 116; philology, 17; natural science, 74; useful arts, 68; fine arts, 33; literature, 83; history, 69; travel, 64; biography, 71; general works, 186. Total, 2342.

Oak Park Branch: Juvenile fiction, 754; philosophy, 3; religion, 13; sociology, 38; philology, 2; natural science, 44; useful arts, 47; fine arts, 10; literature, 34; history, 34; travel, 42; biography, 21; general works, 45. Total, 1087.

Total number of juvenile books in the library, 3429.

Total number of books in the library, 23862.

Number of adult books added this year by classes:

Main Library: Fiction, 255; philosophy, 6; religion, 14; sociology, 35; philology, 3; natural science, 8; useful arts, 33; fine arts, 26; literature, 22; history, 28; travel, 31; biography, 17; general works, 65. Total, 577.

Oak Park Branch: Fiction, 135; religion, 1; sociology, 4; natural science, 1; useful arts, 4; history, 6; travel, 3; biography, 4. Total 161.

Total number of adult books added this year, 738.

Number of juvenile books added this year by classes:

Main Library: Juvenile fiction, 164; religion, 2; sociology, 8; philology, 1; natural science, 3; useful arts, 3; fine arts, 2; literature, 4; history, 4; travel, 3; biography, 1; general works, 11. Total, 206.

Oak Park Branch: Juvenile fiction, 121; sociology, 3; natural science, 3; useful arts, 2; history, 1; travel, 1; general works, 3. Total, 134.

Total number of juvenile books added this year, 340.

Total number of new books added this year, 1078.

Reading Rooms.

Main Library: Men, 6142; women, 4898; children, 5753. Total, 16793.

Oak Park Branch: Men, 1083; women, 2504; children, 5247. Total, 8834.

Total number of visitors in the reading rooms, 25627.

Number of books re-bound for the two libraries, 605.

Number of volumes of magazines bound for the two libraries, 114.

Main Library: Magazines purchased, 79; magazines donated, 15; newspapers purchased, 3; newspapers donated, 4. Total 101.

Oak Park Branch: Magazines purchased, 18; magazines donated, 10; newspapers purchased, 1. Total, 29.

Main Library: Number of books worn out, 329; number of books destroyed, 7; number of books lost, 35. Total, 371.

Oak Park Branch: Number of books worn out, 79; number of books destroyed, 9; number of books lost, 14. Total, 102.

Total number of books destroyed, lost or worn out, 473.

Rental Collection.

Number of books in the rental collection, Jan. 1st, 1924.....27
Number of new books added during the year31

—
Total number of books in the rental during the year58
Number of books withdrawn during the year 9

49
Number of books lost from the rental during the year 2

—
Number of books in the rental, January 1st, 1925.....47

Amount of money collected from the rent of the books and used to purchase new books for this collection, \$54.70.

Number of lots for perpetual care, 32.

Respectfully,
C. S. Gabriel,
Sexton.

To F. P. Boughey, Commissioner of Public Health and Welfare, Traverse City, Mich.

Dear Sir: I am pleased to submit the following report covering operations at the cemetery for the year 1924, together with an inventory of all tools and equipment for the same.

You will notice that the amount we receive for care of lots is increasing every year.

Graded and seeded four blocks in new cemetery.

Six new taps made.

Four hundred feet of new water mains laid.

Made some changes in water mains, doing away with several dead ends.

Connected water mains with Hannah avenue main, giving us much better pressure.

Set out 30 shade trees.

Set out 625 hedge plants.

Trimmed 500 shade trees.

Burials, 180.

Number of lots for annual care, 700.

Inventory of Cemetery Equipment December 31, 1924.

1,750 ft. 5/8-inch hose.....	\$ 210.00
5,000 ft. 3/4-inch hose.....	400.00
6 cycles	3.00
Crowbar	1.00
5 grave linings	2.50
Canvas dirt cover	12.00
110 sprays	15.00
2 lawn mowers	6.00
3 axes	3.00
4 steel rakes	2.00
3 lawn rakes	1.00
4 shovels	2.50
2 spades	1.00
2 pairs pruning shears....	2.00
2 pipe wrenches	2.00
4 scythes	4.00
15 iron benches	20.00
20 wooden benches	20.00
Wagon	10.00
3 ladders	6.00
Sleighs	10.00
Sod cutter .....	.75
Level	1.50
Miscellaneous articles....	72.75
House, lot, barns, tool sheds	2,000.00
Total	\$2,808.00

Department of Public Safety

DON S. MORGAN, Commissioner

To the Mayor and Commissioners,
Traverse City, Mich.

Gentlemen: I present herewith the annual report of Water, Fire and Police Departments for year 1924.

Respectfully submitted,

Don S. Morgan,
Commissioner of Public Safety.

Mr. Don S. Morgan, Commissioner
..of Public Safety:

Dear Sir: I herewith submit a brief report of the water works for the past year ending December 31, 1924.

We pumped 579,894,000 gallons of water, or a daily average of 1,587,300 gallons. We pumped 117,000,000 gallons less than last year, due, no doubt to the heavy rain-fall the past summer, and also to the installing of meters. Our largest day's pumpage was June 26th, when we pumped 4,122,000 gallons. Our smallest day's pumpage was December 7th, of 989,000 gallons. This is the smallest day's pumpage for several years.

We installed 35 new taps, from ¾ inch to 2 inches in size. We now have 2720 services. We also installed 224 new meters, ranging in size from ¾ inch to 4 inches.

The 6-inch water main on Hannah avenue from Garfield avenue to cemetery, connecting to the cemetery main, was completed, thus making a circuit up East Eighth street and Hannah avenue.

A new 6-inch main was also installed on East Eighth street, continuing the main from the cemetery to Munson avenue, then along Munson avenue south to the city limits, then on East Eighth street across Munson avenue 500 feet, or a total of 5,000 feet of 6 inch main. We set nine fire hydrants on these lines and twelve gates or valves.

We reset six hydrants which were broken by automobiles.

We re-roofed the water works building over the engineers' room.

The new centrifugal pumps have been run continuously since November 1, 1923, and are giving excellent service. It was only necessary to run one steam pump a few days in June.

For improvements for the coming year, I would advise the installing of a main on Walnut street from Rose street to Garfield avenue, also one block on North Spruce street and then complete the installation of meters and such other work as you think advisable.

Respectfully submitted,

W. S. Williams,
Supt. of Water Works.

Report of the Water Department, City of Traverse City, 1924.
Balance Sheet, December 31, 1924.

Assets.

Treasury	\$ 12,993.01
Accounts receivable	5,119.35

Inventory, (supplies)		3,199.56
Insurance—		
Automobile	\$ 25.06	
Fire	432.29	
Liability	68.60	525.95
Discount (on water tax paid in advance).....		58.59
Liberty Bonds		5,000.00
Deposit for chlorine		60.00
Automobiles—\$75.00, \$200.00.....		275.00
Deferred payment—(Liberty Bond interest)....		106.25
Plant:—		
Real estate	\$ 9,438.67	
Buildings	17,936.28	
Boiler No. 1.....	2,000.00	
Boiler No. 2.....	2,000.00	
Pump No. 1	19,000.00	
Pump No. 2.....	19,000.00	
Intake	5,000.00	
Auxiliary machinery	745.00	
Mains	146,959.85	
Hydrants	10,079.53	
Service taps	25,926.38	
Meters	28,915.35	
Miscellaneous equipment	1,773.63	
Office equipment	173.80	
Fountains	28.38	
Electric pumps	9,527.56	298,504.43
		<u>\$325,842.14</u>

Liabilities and Ownership.

Bonds outstanding	\$ 52,000.00	
Accounts payable	1,648.98	
Accrued interest	1,204.67	
Depreciation reserve	111,093.21	
Advance payments	524.63	
Profit and loss	3,221.26	
Ownership	156,149.39	\$325,842.14

Expense—Year Ending December 31, 1924.

Pumping Expense:—		
Engineers	\$ 4,415.00	
Firemen	1,397.00	
Coal	1,250.00	
Recording chart	9.28	
Oil	29.74	
Gas	9.10	
Waste	4.40	
Packing	33.00	
Electric: Light	184.68	
Lamps	23.98	
Power	7,577.67	\$ 14,933.85

Maintenance:—

Boilers No. 1 and 2.....	\$ 358.46	
Pumps No. 1 and 2.....	92.65	
Buildings	249.36	
Mains	83.78	
Hydrants	573.11	
Grounds	123.00	
Services	148.48	
Meters	392.61	
Miscellaneous equipment	34.07	
Electric pumps	37.42	2,092.94

General Expense:—

Superintendent	\$ 1,780.00	
Clerk hire	600.00	
Printing	121.53	
Miscellaneous expense	41.28	
Postage and delivering bills	88.68	
Supplies	52.06	
Fire insurance	138.26	
Liability insurance	140.64	
Auto insurance	34.84	
Depreciation	1,362.78	
Interest	2,647.56	
Laundry	7.20	
Reading meters	373.65	
Turn off and on water	288.95	
Chlorine	98.92	
Truck	151.44	13,927.79
		<u>\$ 30,954.58</u>

Income, Year Ending Decemebr 31, 1924.**Water Sales:**

Schedule rates	\$ 3,702.41	
Meter rates	18,701.53	
Sprinkling:		
Streets	350.00	
City cemetery	500.00	
Catholic cemetery	100.00	
Hydrant rental	7,000.00	\$ 30,353.94

Revenue:

Taps	\$ 383.00	
Installing meter	225.00	
Interest on deposits	950.40	
Meter rental	2,051.00	
Interest on Liberty bonds	212.50	3,821.90
		<u>\$ 34,175.84</u>
Total receipts		30,954.58
Total expense		
		<u>\$ 3,221.26</u>

Addition To Plant.

Meters	\$ 2,960.83
Installing meters	592.75

Taps	653.33
Meter boxes and covers	361.00
Mains	8,432.28
Electric pumps	51.05
Hydrants	311.03

Total additions	\$ 13,362.27
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Credit.

Revenue on taps, installing meters, etc	\$ 3,821.90
Loss on water sales	600.64
	<hr/>
	\$ 3,321.26

Bonds.

Name.	Amount.	Due.	Rate.	Amount Int.
Extension	\$ 1,000	11-1-1930	4%	\$ 40.00
Extension	10,000	11-1-1930	4%	400.00
	6,000	6-1-1928	4½%	270.00
	15,000	4-1-1929	4¼%	637.50
	20,000	4-1-1929	4¼%	850.00
				<hr/>
				\$2,190.50

Statistical Report.

• Total gallons pumped	579,894,000
Cubic feet pumped (7½ gals. 1 cubic foot)	77,319,200
5% slippage of pumps	3,865,960
Total cubic feet delivered	73,453,240
Total cubic feet water metered	27,463,865
Total cubic feet water scheduled	45,989,395
Total expense	\$30,954.58
Income from metered water	18,701.53
Income from schedule water, hydrant, etc.	11,652.41
Cost per 1,000 cu. ft. to deliver .....	.421
Cost per 1,000 cu. ft. metered water .....	.681
Income per 1,00 cu. ft. schedule water .....	.253

Inventory, December 31, 1924.

Meters	\$ 1,292.23
Mains	1,040.24
Taps	128.56
Hydrants	264.89
Pipe and fittings	38.97
Pumps—Pump valves	74.62
Meter boxes and covers	21.00
Buildings:	
Soap	9.67
Boilers:	
Fire brick	7.00
Coal	228.76
Chlorine	37.16
Waste	1.11

Packing	21.84
Oil and grease	23.24
Boiler compound	10.27
Total	\$ 3,199.56

To the Hon. Mayor and City Commission:

I herewith take pleasure in submitting the annual report of the Police Department of Traverse City, for 1924.

13 arrested for drunk and disorderly.

12 arrested for larceny.

8 arrested for violation of the liquor law.

8 arrested for driving cars while drunk.

2 arrested for shooting in the city limits.

2 arrested for transferring license plates on cars.

2 arrested for outside police departments.

1 arrested for setting off explosives in the city limits.

1 arrested for tacking signs on light poles.

1 arrested for dumping decayed vegetable matter in city limits.

1 arrested for selling cigarettes to minors.

1 arrested for felonious assault.

1 arrested for exceeding the speed limit.

1 arrested for deserting the U. S. army.

8 automobiles reported stolen; removed the same.

7 automobile tires reported stolen; recovered one.

4 automobile robes stolen.

4 overcoats reported stolen from church.

5 stores reported broken into.

46 doors of business places found unlocked.

106 reported to the police department for speeding.

87 reported to the police department for parking cars without parking lights.

37 reported to the police department for driving cars with one light.

In conclusion, I wish to thank the Mayor and City Commission for their hearty co-operation and hope it may continue in the future.

Respectfully submitted,

John M. Blacken,
Chief of Police.

To the Hon. Donald S. Morgan,
Commissioner of Public Safety:

Inventory of equipment of Traverse City Police Department:

1 Overland automobile....	\$ 600.75
1 Harley Davidson motorcycle	300.00
1 large folding desk.....	40.00
1 Underwood typewriter.	30.00
14 hydrants and theatre targets	50.00
10 police badges	10.00
10 chairs	30.00
1 atlas	10.00
1 filing cabinet	10.00
1 small desk	10.00
1 revolver	10.00
1 Rasmussen drag.....	15.00
2 pair handcuffs.....	12.00
Stationery and office supplies	10.00
8 window screens and 1 screen door	5.00
6 police clubs	6.00
2 letter files	2.00
	<u>\$1,150.75</u>

Respectfully submitted,

John M. Blacken,
Chief of Police.

To Don S. Morgan, Commissioner of Public Safety, Traverse City, Mich.

Dear Sir: I have the pleasure of submitting to you the twenty-eighth annual report of the fire department, for the year ending December 31, 1924.

During the year the department responded to 107 alarms as follows:

36 sparks from chimneys, 7 grass fires, 5 overheated stoves, 2 unknown, 3 short circuits, 5 false alarms, 4 oil stoves, 1 ammonia leak, 3 lung motor, 3 defective chimneys, 3 sparks from furnace, 2 flat iron, 2 overheated motors, 6 cigarettes, 1 rag on stove, 1 gasoline torch, 1 burst water pipe, 4 automobiles, 1 fiery cross, 8 country fires.

The value of buildings and contents involved in these fires amounted to \$321,050.00.

The insurance carried on the above property amounted to \$176,250,000.

The loss on said property amounted to \$5,626.50.

In answering these alarms the department apparatus traveled 187 miles, used 6,250 feet of hose, 1,476 feet of ladders and 811 gallons of chemical.

In fire prevention we inspected 1,800 buildings, including schools, factories, mercantile and residence.

In conclusion, I express my appreciation for the courtesies extended and the attention given this department, while working with such harmony through the past

year and trusting the same will continue through the present year.

Respectfully submitted,

F. C. Newman,
Chief of Fire Dept.

Inventory of Fire Dept., year ending Dec. 31, 1924:

1 set of harness and 6 collars	\$ 125.00
2 horse blankets	6.00
12 ladders	400.00
20 nozzles	500.00
2 cellar nozzles	50.00
6 hand extinguishers.....	150.00
1 wire cutter	25.00
3 shut off valves	55.00
3 Pyrenes	30.00
Hose expander	15.00
1 indicator (electric) ..	100.00
2 registers (electric)....	150.00
3 gongs	230.00
Battery switch boards and equipment	75.00
Bed blankets, etc.	350.00
Chairs and desk	50.00
2 sliding poles	35.00
6 axes	12.00
Runners and slides	75.00
Hand truck or trailer....	50.00
4 carts	250.00
1 set sleighs	50.00
1 lung motor	100.00
1 deluge set	50.00
2 steam engines	8,000.00
45 Gamebell boxes.....	3,930.00
14 miles of overhead wire	485.00
6,000 feet of 2½-in. hose.	5,000.00
Buick car	1,336.00
Cadillac deluge pump and truck	4,535.00
Pierce-Arrow ladder truck	2,000.00
Peerless truck chemical.	2,000.00
2 rugs	50.00
Radio set	275.00
	<hr/>
	\$30,544.00

Department of Public Works and Property

GEORGE W. LARDIE, Commissioner

Traverse City, Mivh., March 2, 1925

To the Mayor and Commissioners,
Traverse City, Michigan:

Gentlemen: I present herewith
the annual report of the General
Street, Park, Sewer departments
for the year 1924.

Respectfully,

Geo. W. Lardie,
Commissioner of Public Works
and Property.

Traverse City, Mich.
March 2, 1925.

Geo. W. Lardie, Commissioner of
Public Works and Property:

Dear Sir: I submit to you work
that I performed in 1924:

Built 1 rest station in Hannah
park.

Built 2 rest stations in Ashton
park.

Built 2 rest stations in Bryant
park.

Built new bath house on Monroe
street.

Moved and repaired bath house
in East Bay.

Repaired all gravel streets in
city with gravel.

Installed new swing and slide
and 4 tettori in Sunset park.

Graveled 800 feet of new road in
Bryant park.

Graveled 1600 feet of new road
on Brosch street.

120 blocks were treated with
chloride.

Respectfully,

Geo. Lutman,
Superintendent.

To Geo. W. Lardie, Commissioner
of Public Works and Property:

Dear Sir: I present herewith
work done under my department
for year 1924.

Construction Work.

Sanitary Sewers: 1150 lineal
feet 24-inch, 484 lineal feet, 22-inch,
1266 lineal feet 15-inch, 815 lineal
feet 8-inch, 240 lineal feet 6-inch,
38 sanitary sewer manholes.

Storm Sewers: 935 lineal feet
24-inch, 4 storm sewer manholes, 4
catch basins.

Concrete pavement, (alley): 2640
square yards.

Concrete Sidewalks: 1626 lineal
feet.

Repairs to Bridges: Park street,
Cass street, Eighth street and
South Union street.

Respectfully submitted,

C. E. Sawyer, Jr.,
City Engineer.

INVENTORY, GENERAL STREET
PROPERTY.

January, 1924.

East Bay park.....	\$ 1,500.00	Mixing box	1.00
Land corner Cass and Washington streets ...	1,000.00	Brick trowel .....	.50
Bay St. tool house and lot	1,200.00	Hose repair outfit.....	.50
Lake Ave. park.....	2,000.00	Monkey wrench .....	.40
Ashton park	2,750.00	Leveling block	1.00
Gravel pit, 20 acres.....	1,000.00	Heavy tamper	2.00
Third precinct building and lot	1,500.00	2 canthooks	1.50
Second precinct building and lot	2,500.00	hand level	1.00
Market site, including tool house and weigh office	16,000.00	2 pair brick tongs	2.50
Hannah park	4,000.00	2 pinch bars	1.50
Sunset park	8,550.00	3 1-gallon oil cans.....	.50
Peninsula St. park.....	4,000.00	Pair of tongs for raising walks	5.00
Bay St. park	4,000.00	Handy wagon	24.00
Dumping grounds	500.00	Plow	16.00
3 sprinklers	600.00	Breakup plow	20.00
Steam roller	2,000.00	Gasoline cement mixer..	200.00
Steam engine	700.00	400 set garden hose....	20.80
Truck wagon	35.00	5 doz. C. G. B. sprinklers	8.75
2 dump wagons	150.00	15 snow shovels	9.00
9 snow plows	55.00	2 iron garden rakes	1.50
Trench pump and hose..	40.00	2 garden spades	1.50
60 trench jacks	90.00	Wrench	1.50
Paving bricks	25.00	4 wheelbarrows	4.00
2 crowbars	2.00	40 lawn seats	30.00
17 picks	12.00	2 tarvia kettles	200.00
8 lanterns	4.00	6 tarvia cans	6.00
10 hoes	3.00	Brace and 3 bits	2.00
20 pavement scrapers....	30.00	2 pairs sleighs	75.00
2 hand saws	3.00	6 potato forks	6.00
2 mattocks	1.20	Writing desk	15.00
Cross saw	1.00	3 chairs	3.00
4 hammers	2.00	21 No. 2 shovels	10.00
Sewer rod	10.00	Grindstone	2.50
Oil distributor	400.00	Set heavy harness	50.00
Scraper	3.00	3 horses	900.00
2 blocks and tackle.....	12.00	Truck	2,000.00
6 concrete tampers	6.00	Heating stove	15.00
Vise	4.00	Flusher	900.00
2 axes	1.50	Expansioner	10.00
Pump and pipe	6.00	2 pairs rubber boots	5.00
5 sledges	3.00	Pile driver	400.00
7 hydrant wrenches	1.75	Scarifier	415.00
Heavy wagon	50.00	City auto	500.00
Road grader	125.00	New grader	500.00
2 levels	1.50	400 ft. new hose	400.00
2 hand screens	3.00	244 ft. 15-inch tile	302.40
3 pails	1.50	32 ft. 18-inch tile	60.80
2 sets sidewalk finishing tools	2.00	104 ft. 12-inch tile	104.00
2 squares .....	.30	144 ft. 6-inch tile	57.60
		320 ft. 6-inch tile	384.00
		46 ft. 8-inch tile	25.30
		Fordson tractor	900.00
		9 No. 4 shovels	8.00
		8 pairs rubber boots	16.00

Shawnee grader	1,700.00
Best tractor snow plow..	5,950.00
Ford truck	763.00
Lumber for snow fence..	75.00
	<hr/>
	\$72,498.50

To Geo. W. Lardie, Commissioner
of Public Works and Property:

Dear Sir: I hereby submit the
annual report of the City Market
for the fiscal year ending Decem-
ber 31st, 1924:

Total number head of stock
weighed, 1871 consisting of: Hogs,
790; cattle, 552; sheep, 258;
horses, 96.

Total loads of poultry, 13.

Total loads of grain: Oats, 19;
rye, 11; corn, 8; buckwheat, 5;
wheat, 2; beans, 7.

Vegetables and Fruit: Potatoes,
568; cabbage, 2; apples, 13; cher-
ries, 2..

Miscellaneous loads: Coal, 1930;
coke, 1004; automobiles, 271; trail-
ers, 24; motorcycles, 2; hay, 244;
straw, 5; manure, 89; paper, 208;
iron, 177; rubber, 8; rags, 4; lead,
5; brass, 2; copper, 1; household
goods, 2; stone, 2; brick, 1; salt,
13; ice, 19; merchandise, 3; wood,
2; wagons, 2; oil, 1; sand, 1; wool,
1.

Total number of tickets used,
6455.

Unpaid tickets on hand, 7.

Void tickets, 2.

Tickets collected from last year,
2.

Total cash received, \$644.80.

Respectfully submitted,

Fred J. Robinson,
Weighmaster.

UNIVERSITY OF ILLINOIS-URBANA



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